

Symbiotic Sustainability: Oberlin Town & Gown Collaboration



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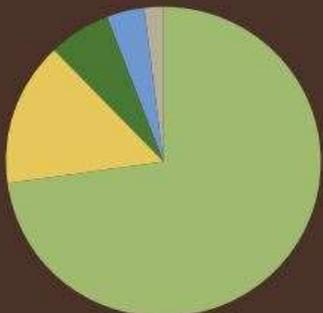
**OBERLIN COLLEGE
OFFICE OF ENVIRONMENTAL SUSTAINABILITY**

**IDEA 106TH ANNUAL CONFERENCE
WORKSHOP: CAMPUS & CITY
JUNE 27, 2015**

Demographics

Oberlin: A Model Community

8,286
PEOPLE



73% white
14.8% African American
6.5% two or more races
4% Asian American
1.7% other

\$47,334
median household income

24% of Oberlinians live at or below the poverty level

*based on the 2010 census

- Oberlin College: residential liberal arts campus w/ **2,900** students.
- City of Oberlin: located in Lorain County, 30 miles west of Cleveland.
- City & College were founded at the same time in **1833**.
- Oberlin College is the largest employer in the City.
- 40% of city limits isn't property taxable.

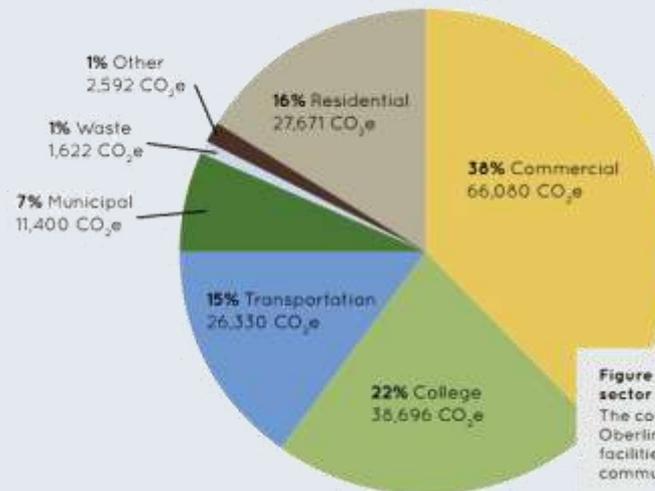


Figure 3. Percentage of CO₂ tons emitted by sector in 2007.

The commercial sector, including all businesses, Oberlin College properties, and municipal facilities within city limits, made up 67% of total community-wide emissions.



The Stakes Are High



- Town/Gown Tensions
- Taxes
- Jobs
- Student critiques
- Different missions and priorities
- Necessity of sustainability and planning for climate change



Motivations



Oberlin College & Conservatory

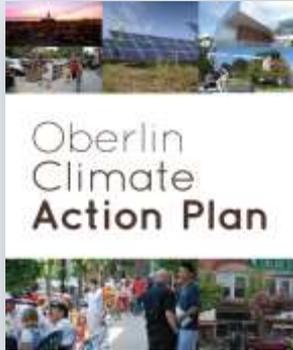
- Education and scholarship
- Progressive Leader
- Social justice, equity, and inclusion
- Environmental sustainability
- Transformational Change



City of Oberlin

- Safety
- Economic Development
- Lead with Sustainable Practices
- Partner with Residents, Businesses, & Institutions and Governments
- Model of Social Justice and Race Relations

Shared Commitments



Climate Positive
Community
2050



AMERICAN COLLEGE & UNIVERSITY
PRESIDENTS' CLIMATE COMMITMENT

Oberlin College

Environmental Policy: 2004

Strategic Plan: 2005

Climate Action Plan: 2009

ACUPCC : 2006 (2025)

City of Oberlin

Sustainability Resolution: 2001

ICLEI Cities for Climate Protection: 2007

Climate Action Plan: 2011, 2013

Zero Waste Goal: 2014 (2050)

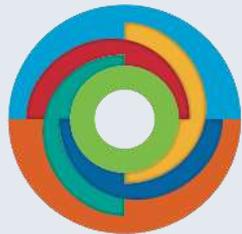
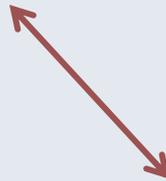
A New Partnership



OBERLIN
COLLEGE & CONSERVATORY



CITY OF OBERLIN
• Live • Learn • Lead •



The Oberlin Project

The Oberlin Project



- Collaboration between City & College
- Catalyst organization
- Full-spectrum sustainability
 - Climate Positive
 - Sustainable economic development
 - Local foods
 - Education for sustainability
 - Be a model to others.
- Externally funded by grants and foundations
- Board, Staff, and Committees



Collaboration Essentials



Example Projects: Environmental Dashboard



CITY-WIDE DASHBOARD
View current flows of energy and water and environmental conditions right now



COMMUNITY VOICES
Celebrate the insights and actions of this diverse community through images and words

Example Projects: Environmental Dashboard



Example Projects: Resource Efficiency



Example Projects: Energy System Design



SITE PLAN - P110



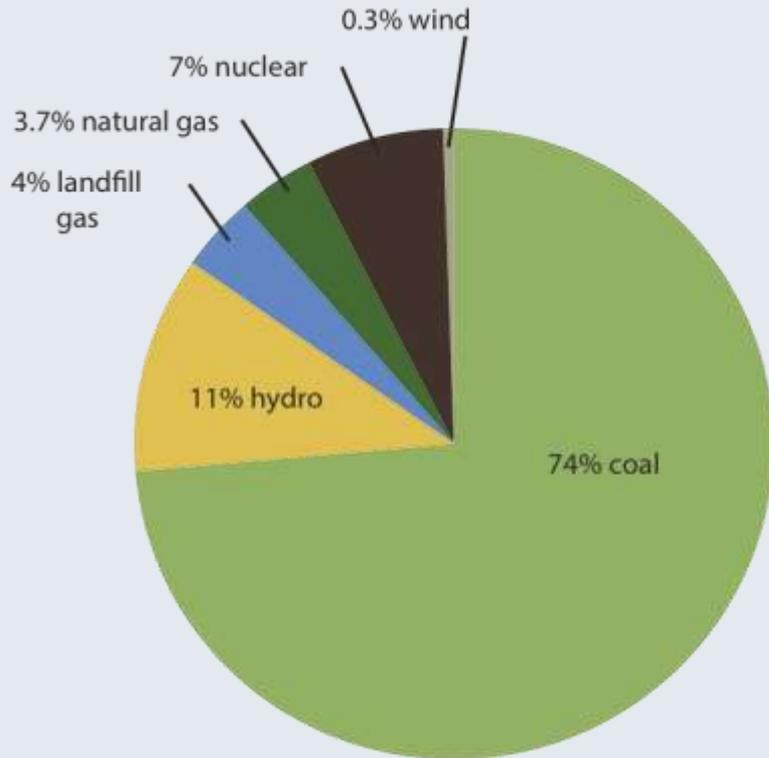
Example Projects: Solar Array



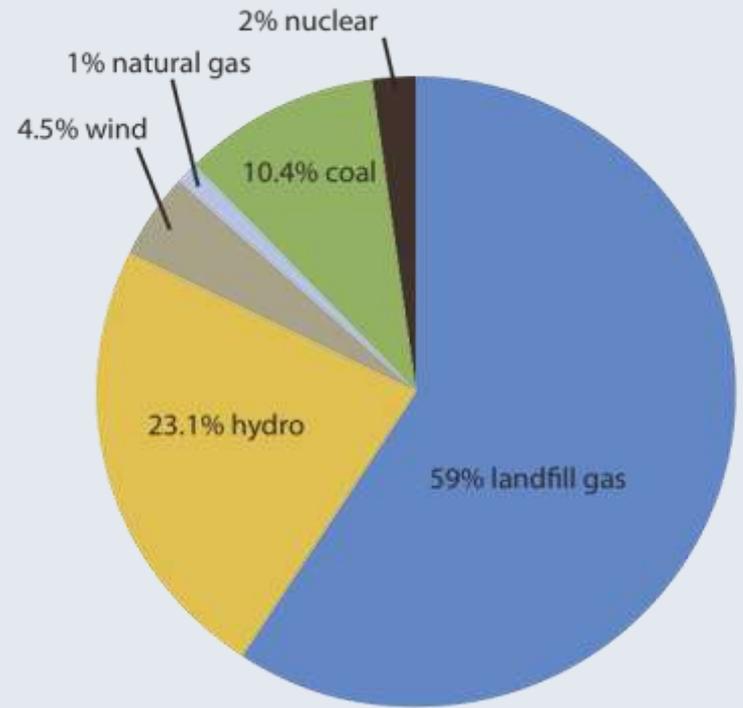
- 2.27 MW (DC)
- ~3,000,000 kWh/yr.
- 10.5 acres of land
- 7722 panels in north-south rows
- Track the sun throughout the day
- Oberlin College property
- PPA with Spear Point & SPG Solar
- Connects to OMLPS grind
- 12% of College's current electricity needs



Example Projects: Green Power Purchasing



2012

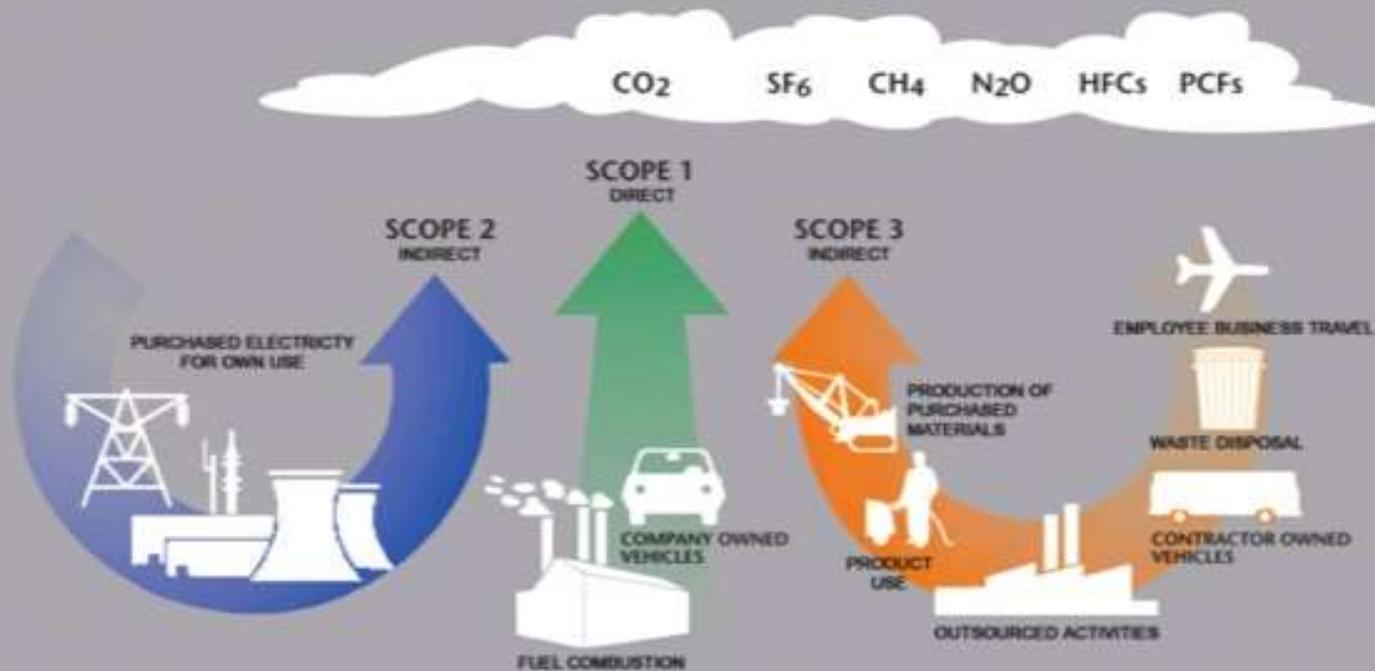


2015

Example Projects: Carbon Management Fund



Oberlin College Carbon Management Fund



Example Projects: Transportation

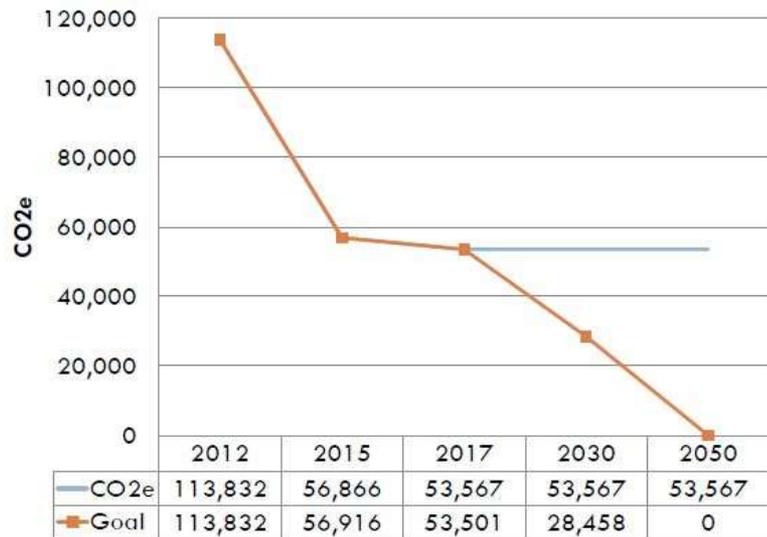


Shared Success!

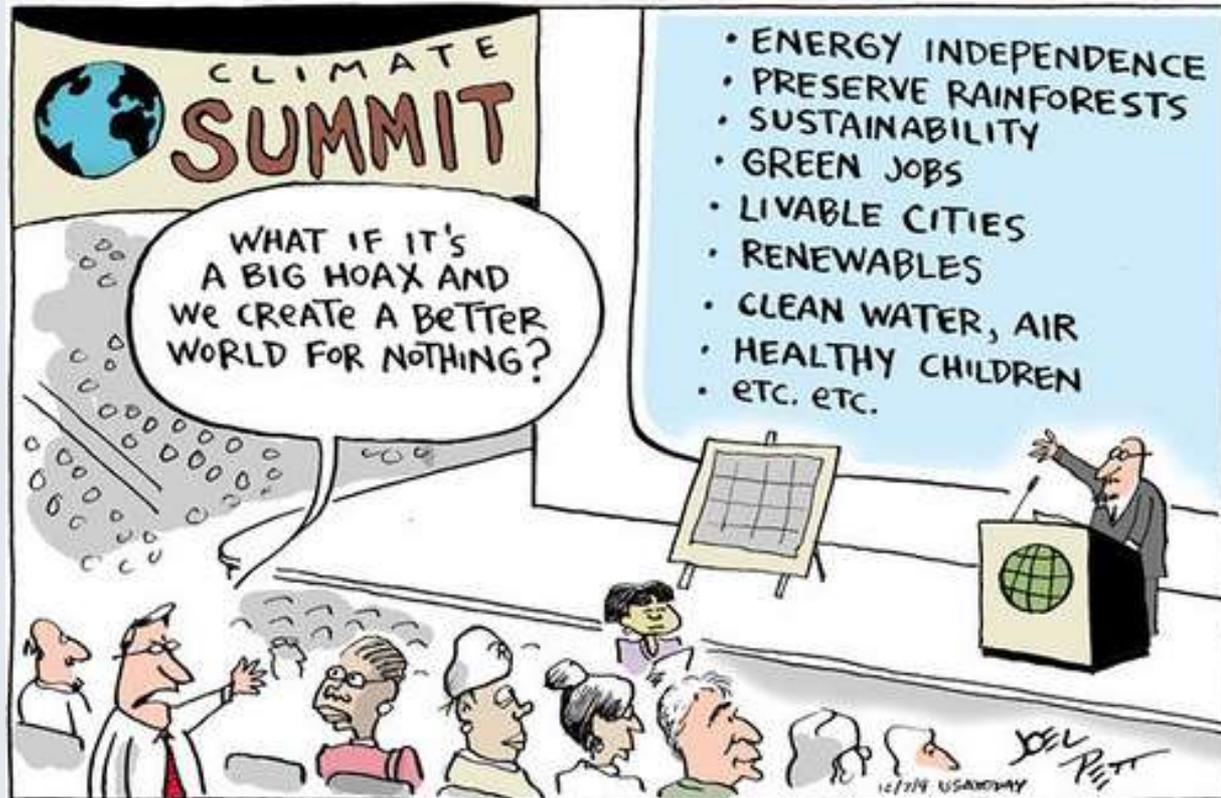


- **OBERLIN HALVED OUR CARBON EMISSIONS IN THE LAST 3 YEARS!!!!!!**

GHG Target and Trend
2012 Baseline



Questions?



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