

Symbiotic Sustainability: Oberlin Town & Gown Collaboration



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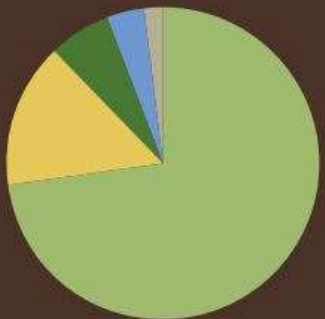
**OBERLIN COLLEGE
OFFICE OF ENVIRONMENTAL SUSTAINABILITY**

**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.

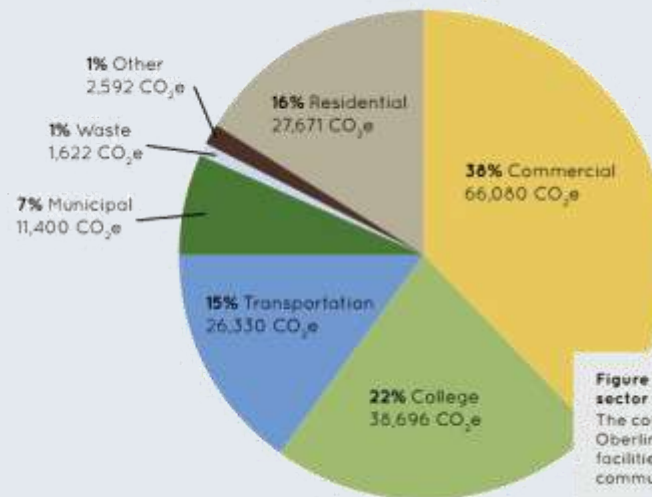


Figure 3. Percentage of CO₂ tons emitted by sector in 2007.
The commercial sector, including all businesses, Oberlin College properties, and municipal facilities within city limits, made up 67% of total community-wide emissions.



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

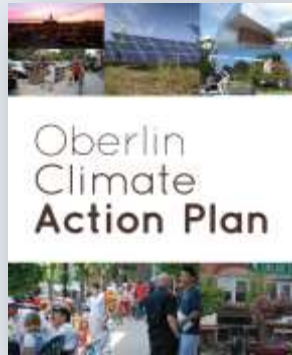
- Education and scholarship
- Progressive Leader
- Social justice, equity, and inclusion
- Environmental sustainability
- Transformational Change



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

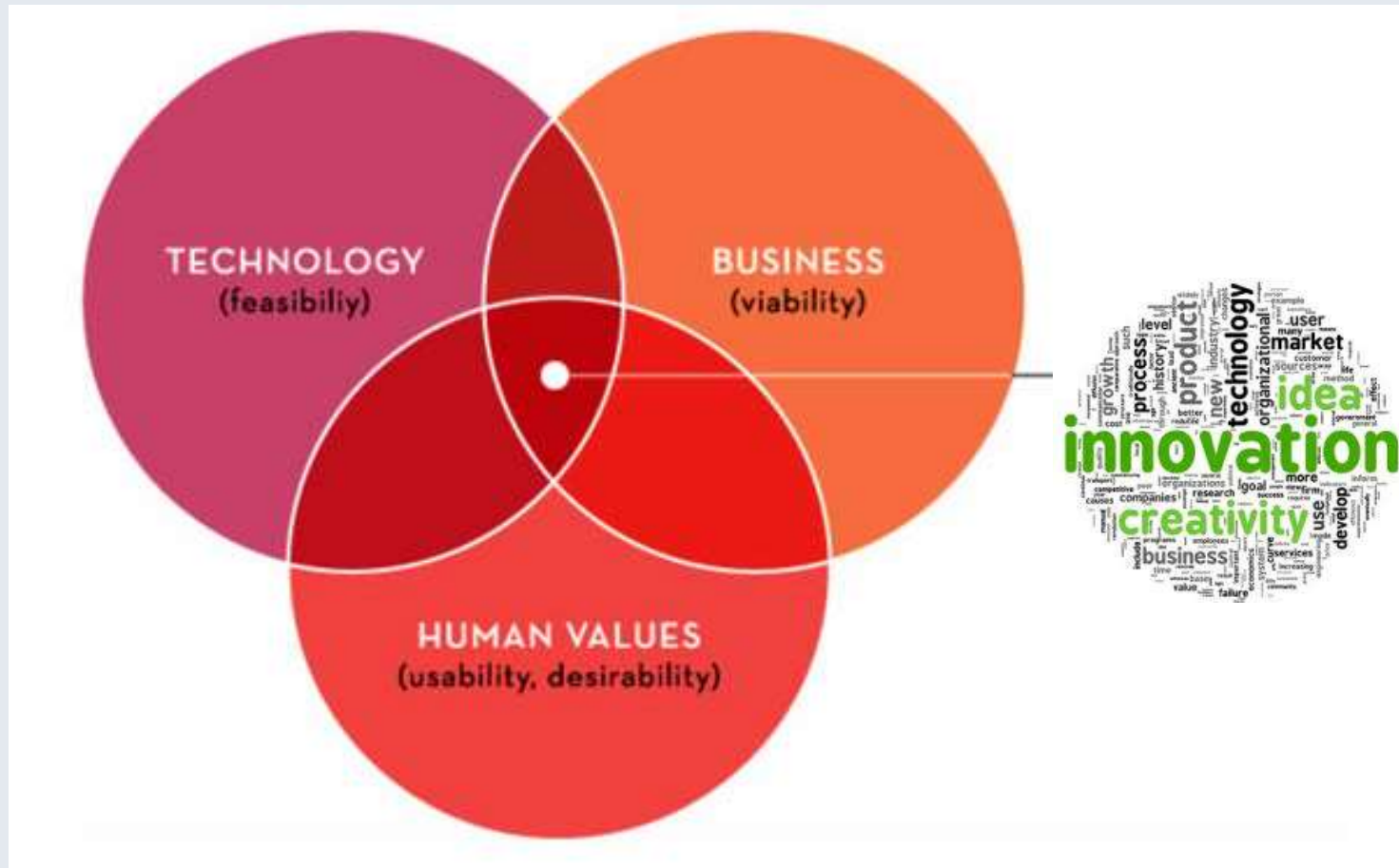
Sustainability Resolution: 2001

ICLEI Cities for Climate Protection: 2007

Climate Action Plan: 2011, 2013

Zero Waste Goal: 2014 (2050)

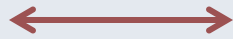
A Shared Approach



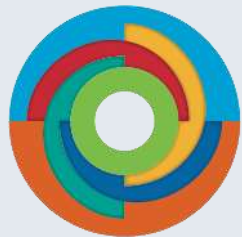
A New Partnership



OBERLIN
COLLEGE & CONSERVATORY



CITY OF OBERLIN
• Live • Learn • Lead •

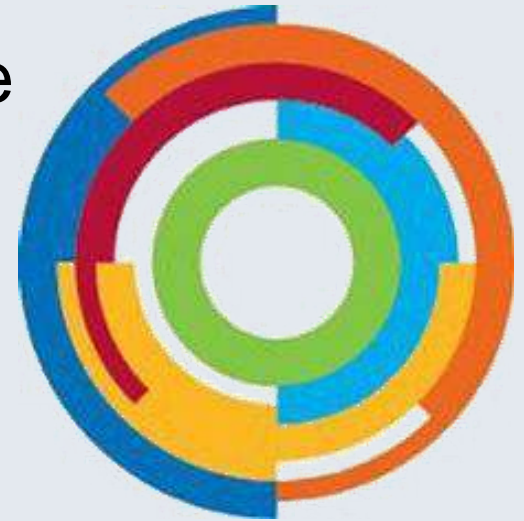


The Oberlin Project

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



DASHBOARD



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



0 SITE PLAN - P.F. 10



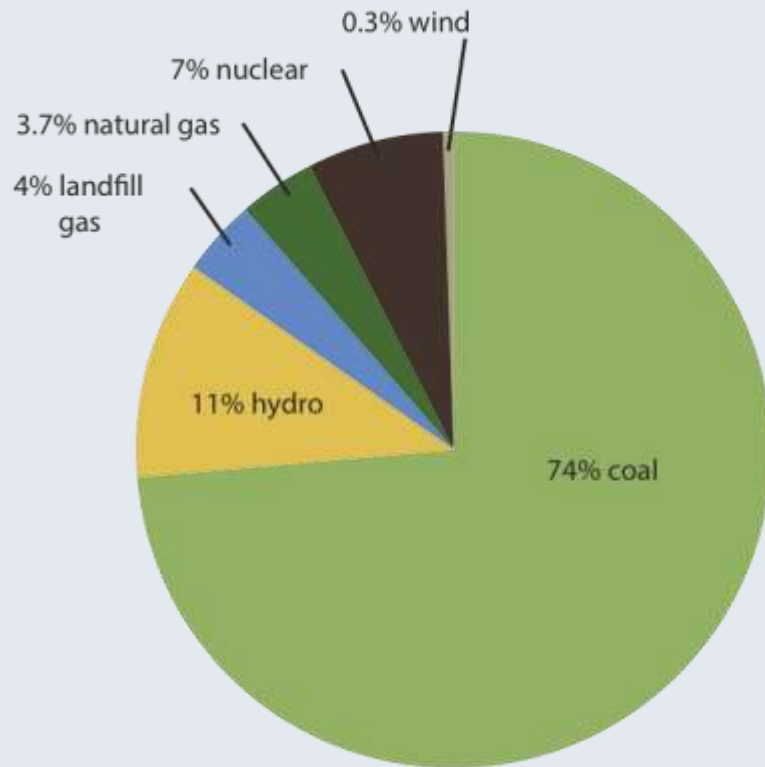
Example Projects: Solar Array



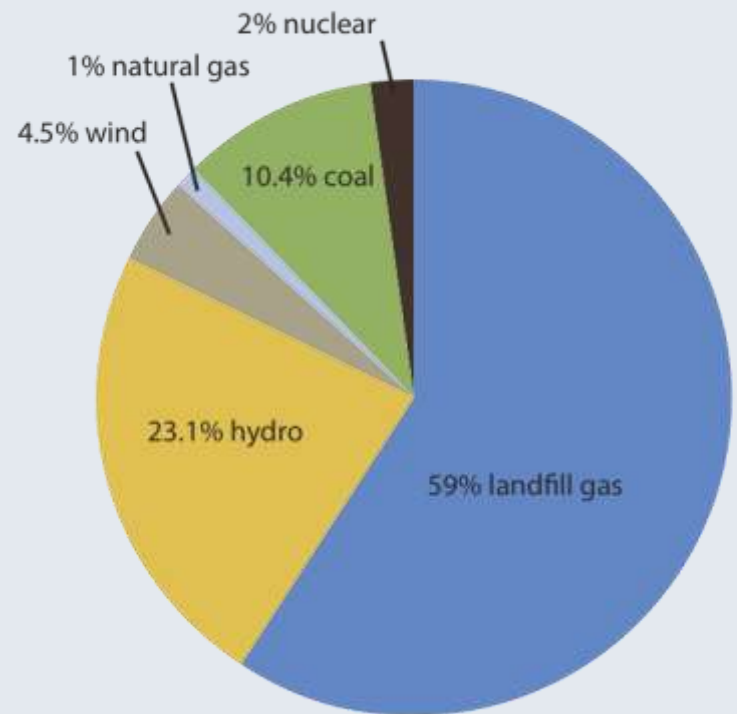
- 2.27 MW (DC)
- ~3,000,000 kWh/yr.
- 10.5 acres of land
- 7722 panels in north-south rows
- Track the sun throughout the day
- Oberlin College property
- PPA with Spear Point & SPG Solar
- Connects to OMLPS grind
- 12% of College's current electricity needs



Example Projects: Green Power Purchasing

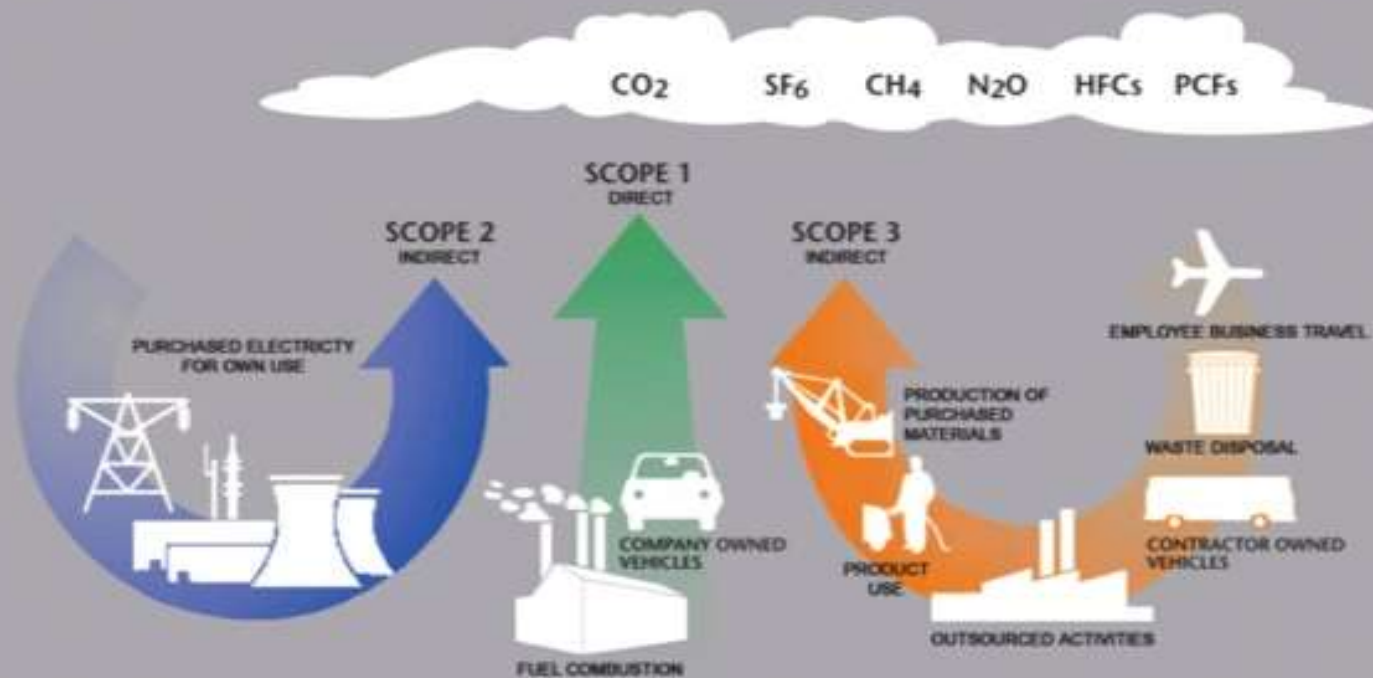


2012



2015

Example Projects: Carbon Management Fund



Example Projects: Transportation



Shared Success!

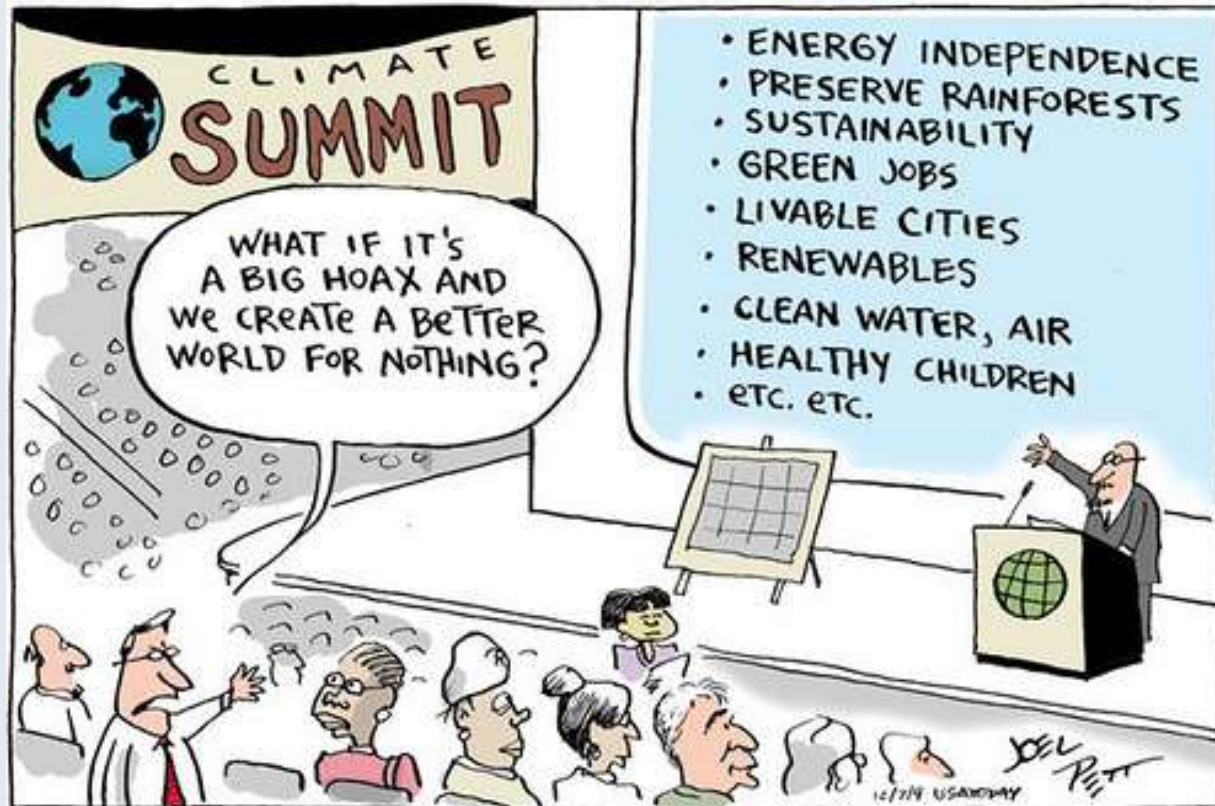


- **OBERLIN HALVED OUR CARBON EMISSIONS IN THE LAST 3 YEARS!!!!!!**

GHG Target and Trend
2012 Baseline



Questions?



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