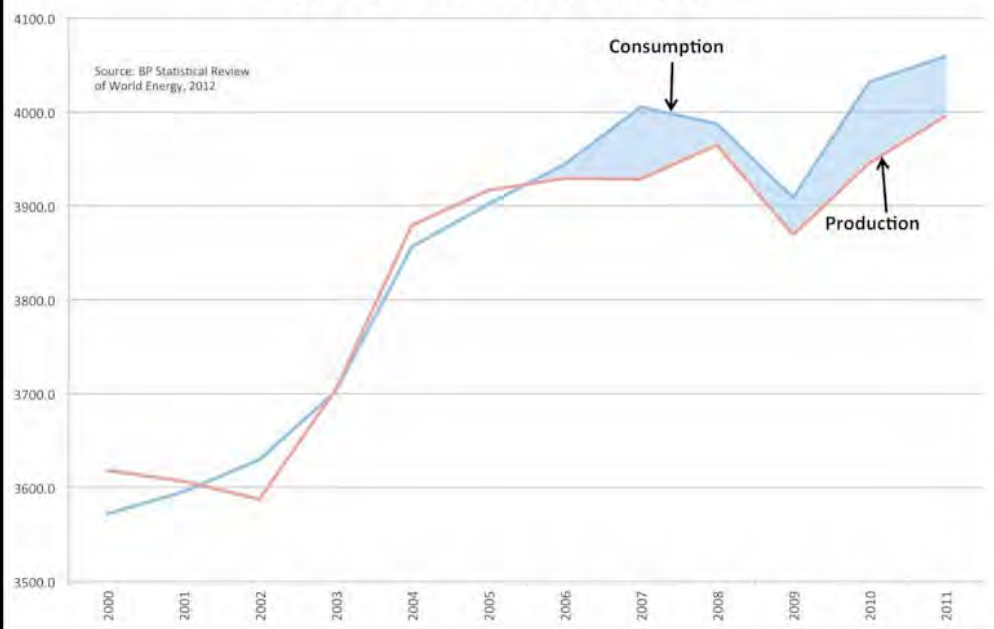


Developing a Local Greenhouse Gas Inventory and Climate Action Plan

Regional Environmental Internship
Program
USGBC-Missouri Gateway Chapter

John May

World Oil Production and Consumption



Two Kinds of Climate Action Plans

- One assesses a community's vulnerabilities to climate change and develops strategies to manage them.
- Another seeks to abate climate change itself by inventorying GHG emissions and developing a plan to reduce them.

What is the REIP?

- Regional Environmental Internship Program
- Model developed at Creve Coeur, used at 7 municipalities in the St. Louis area.
- Provides a way to overcome the barriers that obstruct greenhouse gas (GHG) inventories and climate action plans (CAPs).

Milestone 1a – Make a Political Commitment

- Sign U.S. Mayors Climate Protection Plan
- Pass a resolution committing your LG to action
- Join ICLEI or similar organization

Milestone 1b – Make an Organizational Commitment

- Designate a staff member to have responsibility
- Create a Green Team within the LG
- Create a citizen advisory board

Milestone 2 – Conduct a Greenhouse Gas Inventory

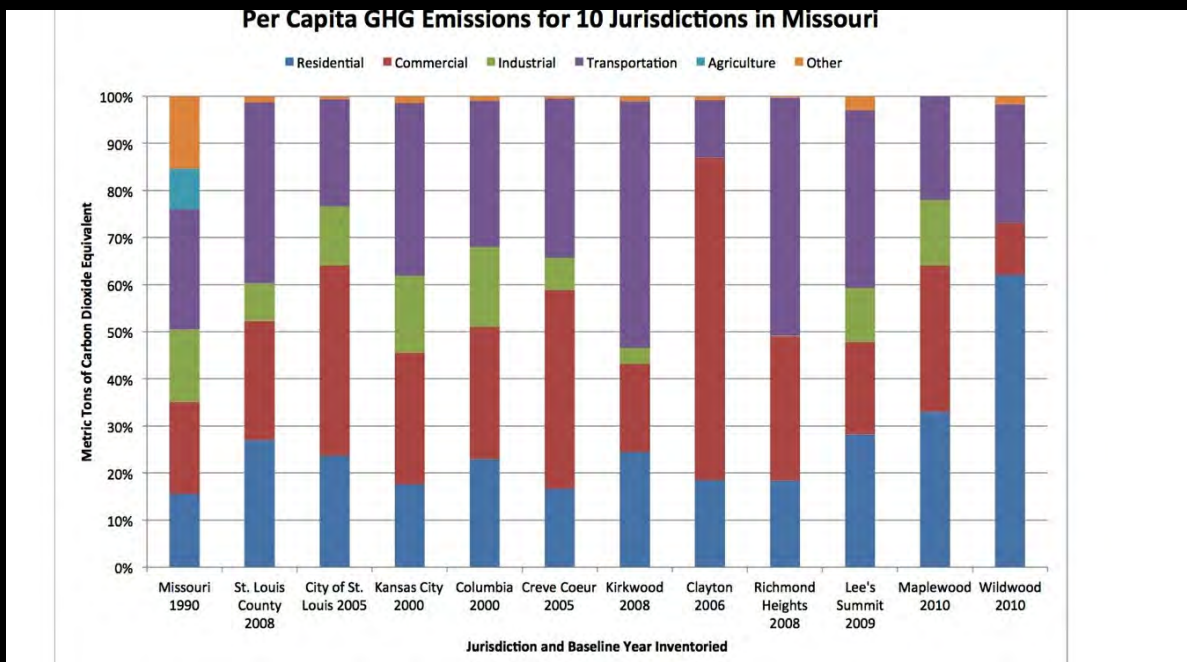


Community

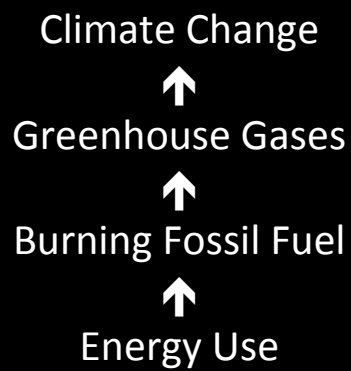


Government

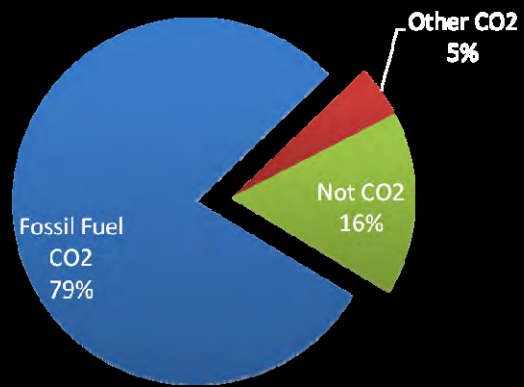
12 Missouri GHG Inventories



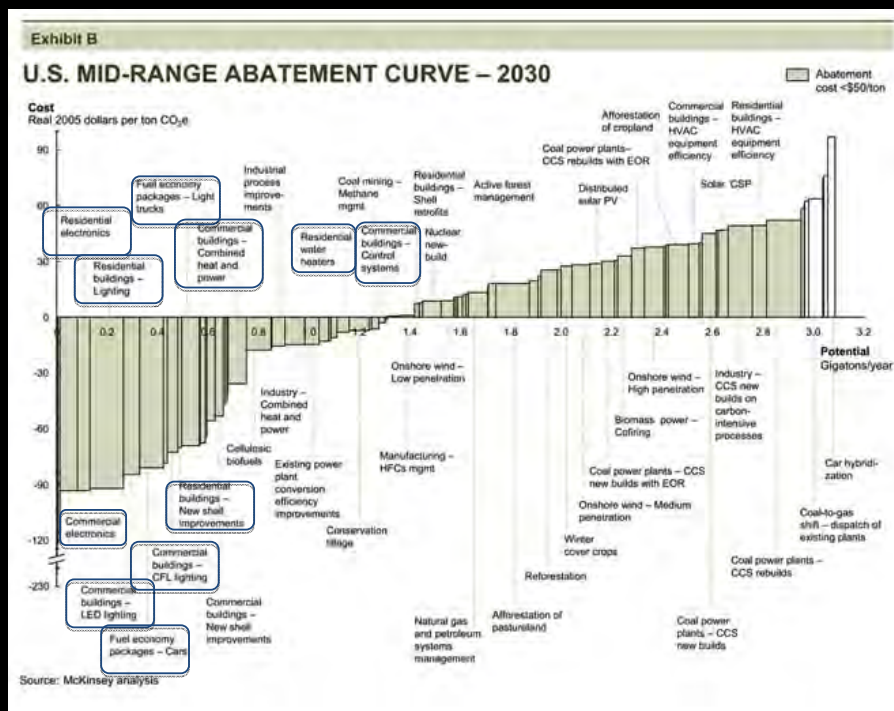
Climate Change Linked to Energy Use



Sources of GHG Emissions



Silver Buckshot



Creve Coeur Reductions 2005-2010

	kWh	Therms
2005	2,532,528	86,800
2010	2,243,222	53,449
Difference	-289,306 (-11%)	-33,351 (-38%)

Energy Costs (2005 \$): -56,087 (-25%)

Amounts are for three major government facilities: the City Government Center, the Dielmann Recreation Complex, and the Public Works Garage.

5 Barriers

- Lack of funding
- Lack of staff availability
- Lack of governmental structure
- Lack of specialized knowhow
- Lack of specialized tools

5 Barriers

- Lack of funding
- Lack of accountability
- Lack of governmental structure
- Lack of specialized knowhow
- Lack of specialized tools

INTERNSHIP

5 Barriers

- Lack of funding
- Lack of political visibility
- Lack of governmental structure
- Lack of specialized knowhow
- Lack of standardized tools

INTERNSHIP

ICLEI

For More Information

Emily Andrews, Executive Director
USGBC-Missouri Gateway Chapter

emily.andrews@mobot.org

314-577-0854

John May

mayway801@gmail.com

314-863-4922