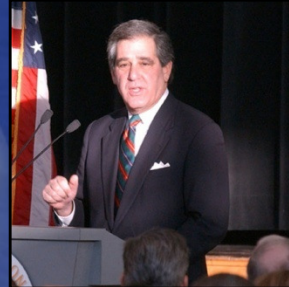


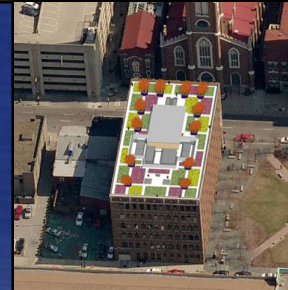


# Climate Change Initiatives

 METRO  
**Louisville**



**Presented By**  
**Lauren Anderson**  
**October 22, 2008**



# U.S Conference of Mayors Climate Protection Agreement

- Mayor Jerry Abramson signed the agreement in April 2005
- Partnership for a Green City's (PGC) mission aligned with Agreement goals
- Partners include:
  - Louisville Metro Government
  - Jefferson County Public Schools
  - University of Louisville

# PGC Climate Change Committee

- Climate Change Committee (CCC) of the PGC was formed in 2007
  - APCD chairs the CCC
  - Unique from other PGC committees
- Goal: Develop and recommend emission reduction strategies to PGC

# CCC Working Groups

- Energy Efficiency & Renewable Energy
- Outreach & Education
- Local Impacts
- Utility Regulations, Policies & Practices
- Land Use, Transportation & Urban Forestry
- Waste
- Greenhouse Gas Inventory & Mechanisms

# GHG Inventories Project Scope

- Community inventories
  - 1990 - Baseline year
  - 2006 - Most current available data
- Community inventory projections
  - 2012
  - 2020
- PGC entity GHG inventories - 2006 (~5% of County-wide total)
  - Jefferson County Public Schools
  - Louisville Metro Government
  - University of Louisville
- Other entity (quasi-governmental) inventories - 2006
  - Louisville Regional Airport Authority
  - Louisville Water Company
  - Metropolitan Sewer District
  - Transit Authority of River City

# Reducing Metro Government's Carbon Footprint

- Solar-powered streetlight pilot project
- Free public transit for Metro employees
- Fleet Improvements
  - B5 biodiesel blend
  - More hybrid vehicles
  - Revised purchasing guidelines



# Reducing Metro Government's Carbon Footprint

- Building Improvements
  - Energy audits
  - Implementing recommendations
    - Retrofitting windows
    - Occupancy sensors on light switches
  - Green roof



# Reducing the Community's Carbon Footprint

- Conversion to LED traffic lights
- Wide-spread recycling programs
- Significant carbon sink from landfill methane capture
- Louisville Energy Alliance

<http://www.louisvilleenergyalliance.com/>





# Going Forward...

## Early 2009

- Complete the final report with recommendations to the full committee
- Present to the Partnership Leaders of UofL, JCPS, Metro for an announcement to the Community
- Initiate GHG reduction projects throughout various Sectors of Louisville

**For more information**

**Please visit**

<http://www.louisvilleky.gov/APCD/ClimateChange/>

or

<http://www.louisvilleky.gov/GoGreen/>

**Or Contact**

**Lauren Anderson**

**Executive Director**

**Louisville Metro Air Pollution Control District**

[Lauren.Anderson@louisvilleky.gov](mailto:Lauren.Anderson@louisvilleky.gov)

**(502) 574-6009**

