

A large, detailed image of the Earth showing the Western Hemisphere, including North and South America, with visible clouds and a blue sky. The globe is the central background for the title text.

# Progress Report on Climate Protection and Phase 1 Recommendations



City of Kansas City, Missouri  
April 2007





# Mayor Barnes appointed a Steering Committee in September 2006

- Oversee the planning process
- Establish a GHG reduction goal
- Make recommendations for actions to be included in the KC plan





Work Groups were created in November 2006 to develop suggested action plans in specific areas:

- Energy
- Transportation
- Carbon Offsets and Waste Management
- Policy and Outreach





# Work Group Composition

Included a broad cross-section of community:

- Businesses
- MARC staff
- Environmental Management Commission
- Environmental & other Non-profit organizations
- Neighborhoods
- EPA, State of Missouri, Jackson County, & City staff





# A Few Current City Activities that Reduce GHG Emissions

- Energy efficiency improvements in City buildings (City Hall, Convention facilities, Fire stations, Parks & Recreation, Aviation)
- LEED ordinance for City projects
- Alternative fuel use in City Fleet – Biodiesel & CNG
- Million Lights campaign





# A Few Current City Activities (Cont.)

- Water Services Dept. initiatives
  - Energy efficient pumps & motors
  - Methane recovery from wastewater treatment
  - Purchase & use of CO<sub>2</sub>
- Replacement of street lights & traffic signals with energy efficient technology





# GHG Emission Changes 2000-2005

- City government's GHG emissions decreased 6.8%
- Community-wide, GHG emissions increased 4%





# Progress Report & Adoption of Initial Recommendations

- Progress Report on Climate Protection & Phase 1 Recommendations provided to Mayor & City Council on April 2
- Mayor & City Council adopted resolution 070436 on April 12 accepting recommendations of Climate Protection Steering Committee





# Steering Committee Recommendations

- Make climate protection/GHG reduction key factor in all decisions & actions by City
- Reduce GHG emissions from City government operations by 30% below 2000 levels by 2020 and by end of 2007 develop realistic, ambitious goal for community-wide GHG reductions





# Steering Committee Recommendations

- Adopt Phase 1 GHG reduction measures in Progress Report, with flexibility to implement in a timely & workable manner
- Continue planning process with existing Steering Committee throughout 2007





# Phase 1 Recommendations

## Energy

- Reduce energy use in City government operations & community-wide
- Explore with City Council energy efficiency requirements in City-funded projects
- Explore onsite renewable energy generation & purchase of green power
- Support new state legislation, policies and regulations to reduce GHG emissions – e.g., net metering





# Phase 1 Recommendations

## Transportation

- Expand alternative transportation programs
- Traffic signal synchronization
- Expand use of alternative fuels  
(KC is #3 among largest 50 U.S. cities)
- Enhance bike/pedestrian infrastructure
- Implement light rail as part of healthy public transit system





# Phase 1 Recommendations

## Waste Management

- Develop comprehensive solid waste management plan
- Increase recycling by City government, commercial, residential, and construction/demolition sectors





# Phase 1 Recommendations

## Carbon Offsets

- Expand urban forestry program & native landscaping
- Green roofs
- Neighborhood food production





# Phase 1 Recommendations

## Policy & Outreach

- Comprehensive, multi-faceted communications & public engagement plan – #1 recommendation from all Work Groups





# Phase 1 Recommendations

## Policy & Outreach (cont)

- Policy changes to promote:
  - green building
  - green infrastructure (including green solutions in City's Wet Weather Project),
  - climate-friendly Development Code (including provisions for stream setback buffers, bike-ped & transit friendly development)
  - Building Code (including energy efficiency standards),
  - regionalization of climate protection





# Additional Key Development

KCP&L/Sierra Club/Concerned Citizens  
of Platte County agreement to offset  
6 million tons/year of GHG emissions





# KANSAS CITY, MISSOURI CLIMATE PROTECTION PLAN

Complete preparation of Climate Protection Plan  
by end of 2007

<http://www.kcmo.org/manager.nsf/web/cpp>

