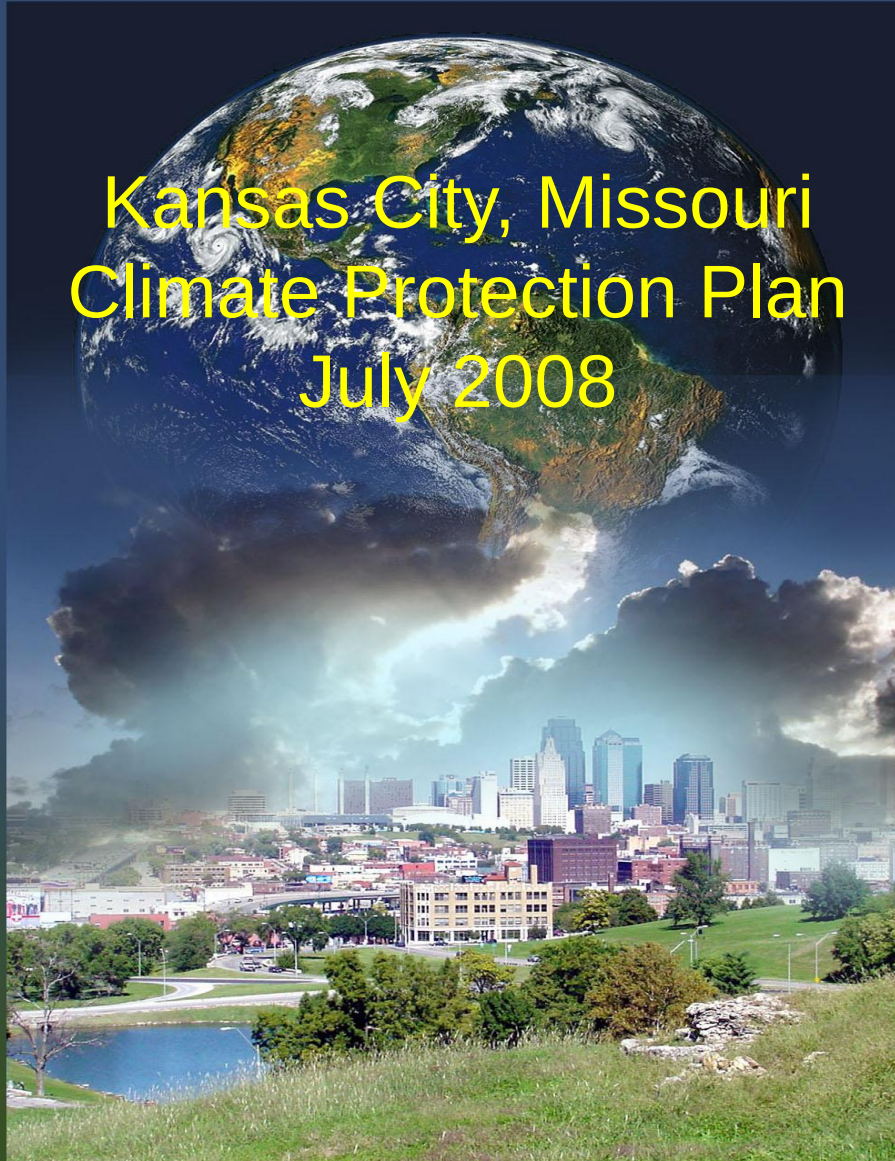


US EPA ARCHIVE DOCUMENT



Kansas City, Missouri Climate Protection Plan July 2008





Mayor Barnes signed the U.S.
Conference of Mayor's Climate
Protection Agreement in 2005

City Council passed resolution
in 2006 authorizing City
Manager & Chief
Environmental Officer to
undertake a Climate Protection
Planning Process





KANSAS CITY CLIMATE PROTECTION PLANNING PROCESS

- Develop a baseline inventory
- Establish a greenhouse gas (GHG) reduction goal
- Prepare an action plan to achieve the GHG reduction goal





City Joined ICLEI-Local Governments for Sustainability

- Access to software to identify local sources of GHG emissions & develop baseline inventory
- Network with other cities doing climate protection plans
- Review other local government plans & planning processes





Mayor Barnes appointed a Steering Committee of Community Leaders

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





Steering Committee

Joanne Collins, Chair (former 17-yr member of City Council)

Bob Berkebile, Co-Chair, KCMO Env'l Mgt Commission

Scott Burnett, Jackson County Legislature

Bill Downey, COO, Kansas City Power & Light Co.

Dee Evans, President, Beacon Hills Neighborhood Association

John Franklin, Assistant City Manager

Pete Levi, President, Greater KC Chamber of Commerce

Karen McCarthy, Former US Congresswoman

Bob Mann, Founding Director, Bridging The Gap

David Warm, Executive Director, Mid-America Regional Council

Bridgette Williams, President, Heart of America Labor Council
& AFL-CIO





Steering Committee

- Chosen for two primary reasons:
 - Community leaders whose recommendations would carry weight with City Council when a plan was submitted
 - Represented key stakeholder groups needed to successfully implement a plan
- Not all members came to the process in strong support of creating an ambitious climate protection plan for Kansas City





Work Groups were created to develop suggested actions in specific areas:

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





Work Group Composition

Included a broad cross-section of community:

- Businesses
- Regional Planning Organization (MARC) staff
- City's Environmental Management Commission
- Environmental Groups, Non-profit Organizations, & Neighborhoods
- EPA Region 7, State of Missouri, Jackson County, & City staff





Work Group Activities

- Consider list of possible actions & suggest additional ideas
- Evaluate GHG reduction estimates for various actions, based upon calculations using ICLEI software
- Make recommendations to Steering Committee regarding actions to be included in KC Climate Protection Plan



City Staff Activities

- Develop baseline inventory of GHG emissions & calculate projected GHG reductions from various measures using ICLEI software
- Identify current City programs/activities/policies & regional initiatives relevant to GHG reductions
- Identify initiatives from other city plans & Climate Protection Manual for Cities (by Natural Capitalism Solutions)
<http://www.climatemanual.org/Cities/index.htm>
- Utilize EPA's WARM model to estimate GHG benefits of waste minimization/recycling
http://www.epa.gov/climatechange/wycd/waste/calculators/Warm_home.html



Phase 1 Recommendations Adopted by City Council April 12, 2007

1. Make climate protection/GHG emission reduction a key factor in all decisions & actions by City
2. 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
3. Adopt Phase 1 GHG reduction measures in Progress Report, with flexibility to implement in a timely & workable manner
4. Continue planning process with existing Steering Committee





GHG Emission Changes 2000-2005

City government GHG emissions were decreased 6.8% by activities done for other reasons (e.g. saving money via energy efficiency & measures to improve local air quality)

while

Community-wide GHG emissions increased 3.8%





Alignment with other Metro Area Initiatives

- KCP&L/Sierra Club/Concerned Citizens of Platte County agreement to offset 6 million tons/year of GHG emissions
- Conversations on the Environment
- Bi-state group of 20 metro area mayors signed the US Conference of Mayors Climate Protection Agreement
- Greater KC Chamber of Commerce's Climate Protection Partnership
- Sustainable Skylines Initiative w/EPA Region 7
- KCMO climate protection planning process stimulated many of these regional activities





Phase 2 Recommendations from the Steering Committee

1. Adopt a goal of reducing community-wide GHG emissions in Kansas City, Missouri 30% below year 2000 levels by year 2020 (w/intermediate benchmarks to be achieved by 2010 & 2015)
2. Adopt a goal of reducing community-wide GHG emissions 80% below year 2000 levels by 2050 and focus our long-term outlook on being a climate-neutral Kansas City
3. Adopt Phase 2 GHG emission reduction measures in the Climate Protection Plan
4. Support the continuation of the Climate Protection Steering Committee as an ongoing oversight entity for implementation of Kansas City's Climate Protection Plan





Climate Protection Plan

GHG Emissions Reduction Goals

Major areas of Emphasis in Plan:

- Reduce vehicle emissions
- Energy efficiency and renewable energy
- Policies & actions to reduce GHG impacts of current & future building stock
- Public education & outreach leading to empowerment of citizen action





Steering Committee Statement – “It’s Time to Act”

- Climate change is an enormous challenge & defining issue for our time – it is also an opportunity for our community
- GHG emissions can be reduced at the same time as the economy & quality of life improve for businesses & citizens in Kansas City
- Partnerships with businesses, non-profits, and other governments in metro area are essential to implementation of the plan
- The Kansas City Climate Protection Plan is a critically important policy document for our community.





Implementation of Climate Protection Plan

- EECBG applications to DOE framed to implement GHG reduction measures in plan
 - EECBG formula grant (\$4.8 million)
 - Better Buildings Program competitive grant (\$20 million)
- ARRA provided implementation funding at a time of tight municipal budgets





KCMO Climate Protection Plan Conceived & Developed to Promote Sustainability

55 GHG Reduction Measures
Designed with a Triple Bottom Line
Approach to Simultaneously
Promote:

- Social Equity
- Economic Vitality
- Environmental Quality



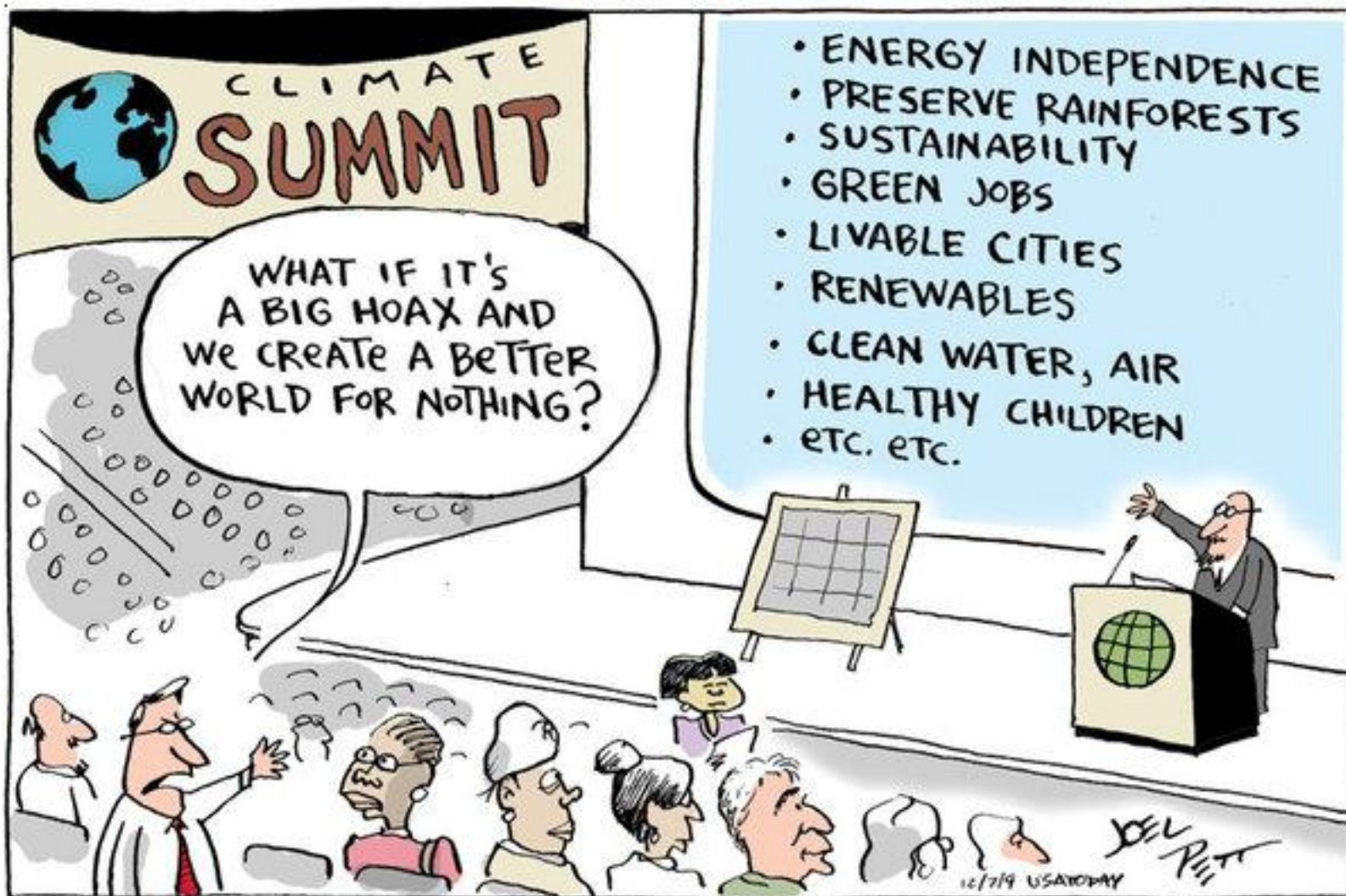


KCMO Climate Protection Plan Unanimously Adopted in July 2008

GHG Reduction Measures in Plan will:

- Create jobs
 - Improve neighborhoods
 - Provide viable public transit
 - Reduce energy use
- Support quality housing for everyone
 - Expand green infrastructure
- Protect environmentally-sensitive landscapes
 - Support local food production
- Make community more walkable & bike-friendly
 - Create new public/private partnerships







KCMO Climate Protection Plan

- Copy of the plan:

<http://www.kcmo.org/idc/groups/citymanager/documents/citymanagersoffice/022729.pdf>

For more information, contact Dennis Murphey,
Chief Environmental Officer at 816/513-3459 or

dennis.murphey@kcmo.org

