

COMMUNITY CLIMATE ACTION PLANS

EXAMPLES FROM OTHER CITIES



OUTLINE

- Overview – Who has Climate Action Plans
- Plan Structure
- Example cities –
 - Boston, MA
 - Denver, CO
 - Portland, Or
 - Eugene, Or
- Take-aways

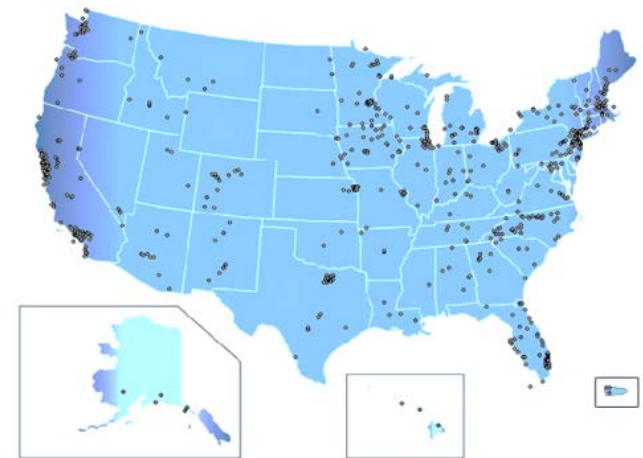
OVERVIEW – WHO HAS CLIMATE ACTION PLANS

- As of July 2014, **1,060 mayors** from the 50 states signed the U.S. Conference of Mayors Climate Protection Agreement

- ICLEI list in 2010:

- **200** member cities - GHG inventories
- **150** have established a reduction goal,
- **120** have climate action plans

- US cities with Climate Action Plans + year:



Arizona
Pima County, 2008

Alaska
Homer, 2007

California
Alameda, 2008
Berkeley, 2006
Los Angeles, 2007
Menlo Park, 2009

Colorado
Aspen, 2007
Denver, 2007

Connecticut
Hamden, 2004

Florida
Miami-Dade County, 2006

Georgia
Atlanta, 2009

Illinois
Chicago, 2008
Evanston, 2006

Kentucky
Louisville, 2009

Louisiana
New Orleans, 2009

Maryland
Annapolis, 2009
Chevy Chase, 2008

Massachusetts
Worcester, 2006

Minnesota
Northfield, 2007

Missouri
Kansas City, 2006

New Hampshire
Keene, 2004

New Mexico
Albuquerque, 2008

New York
New York City, 2007

North Carolina
Durham, 2007
Winston-Salem, 2008

Oregon
Portland, 2009
Eugene, 2008

Pennsylvania
Pittsburgh, 2008

South Carolina
Charleston, 2003

Tennessee
Chattanooga, 2009

Texas
Austin, 2007, 2014
Houston, 2008

Utah
Salt Lake City,

Washington
Bellingham, 2007
King County, 2007



PLAN STRUCTURE

- **Community inventories emissions from sectors:**

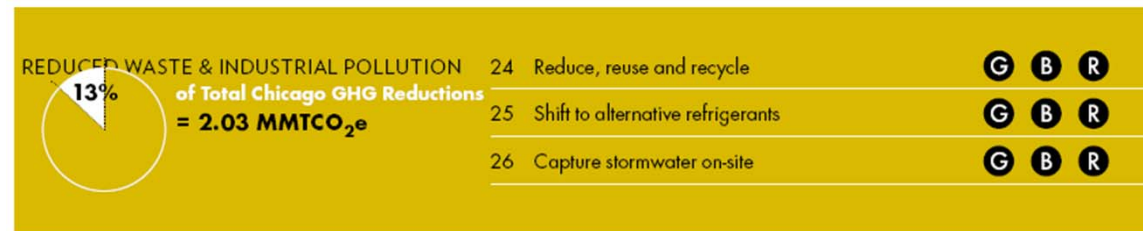
1. Energy
2. Transportation
3. Waste

- **Roles and Responsibilities**

1. Municipal – City and/or County
2. Business /Institutional - businesses, Schools, hospitals,
3. Residence:
 - a) Single family
 - b) multi-family

- **Community inventories emissions from:**

1. Commercial and residential buildings
2. Industrial facilities
3. On-road transportation
4. Waste within the city's political boundary



Chicago Climate Action Plan

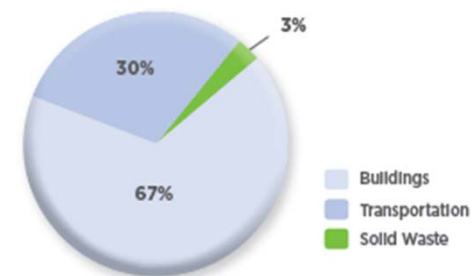
EXAMPLE - BOSTON

- Boston
 - Population: 636,000
 - Plan date: 2010

Recommended Community Actions

- Residential:
 - Expand recycling (single stream)
 - Trash fee
 - Organic waste diversion
 - Other:
 - Bag ban
 - expansion of can and bottle deposit
- Commercial:
 - Create requirements and incentives to increase commercial recycling rates.
- Other:
 - Continue to promote and expand local farmers markets
 - Encourage healthy, lower-carbon diets

GHG Reductions by Program Area



FULL REPORT

Sparking Boston's Climate Revolution

Recommendations of the Climate Action Leadership Committee and Community Advisory Committee



OFFICE OF
SUSTAINABILITY

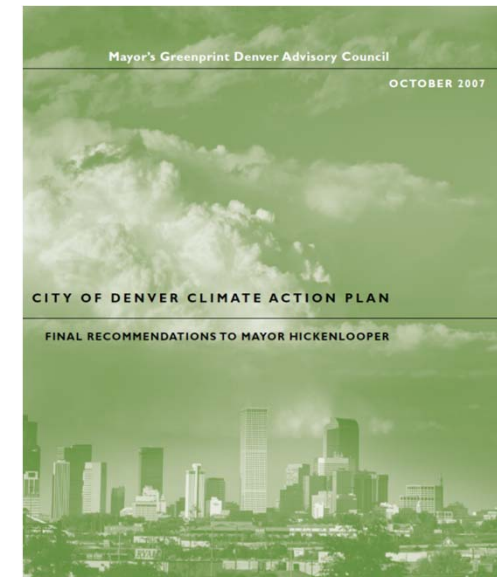
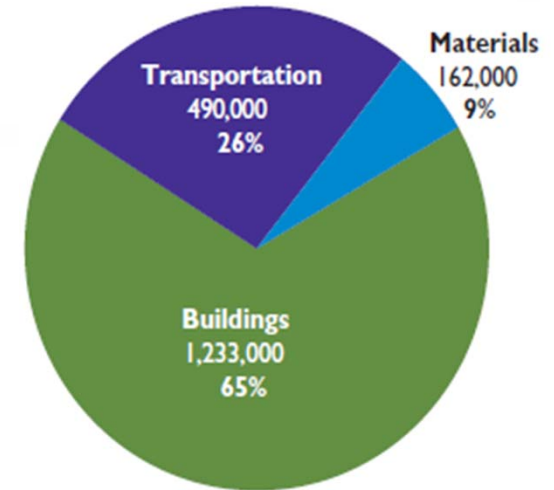
CITY OF AUSTIN

EXAMPLE - DENVER

- Denver
 - Population: 634,000
 - Plan date: 2007

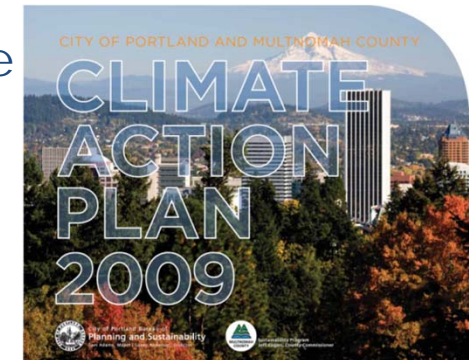
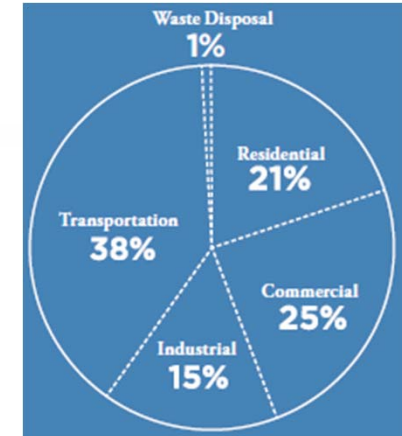
Increase in solid waste recycling

- Mandate a community-wide fly ash concrete
- Maximizing existing recycling program
 - Investigating increase the incentives for recycling
 - Providing recycling programs to multi-family residences
 - Promoting comprehensive recycling activities at commercial properties
 - Expanding city facility recycling programs at City-owned public areas
 - Developing collection and composting of "green" waste (grass clippings and lawn debris)
 - Reviewing collection system efficiencies and accountability



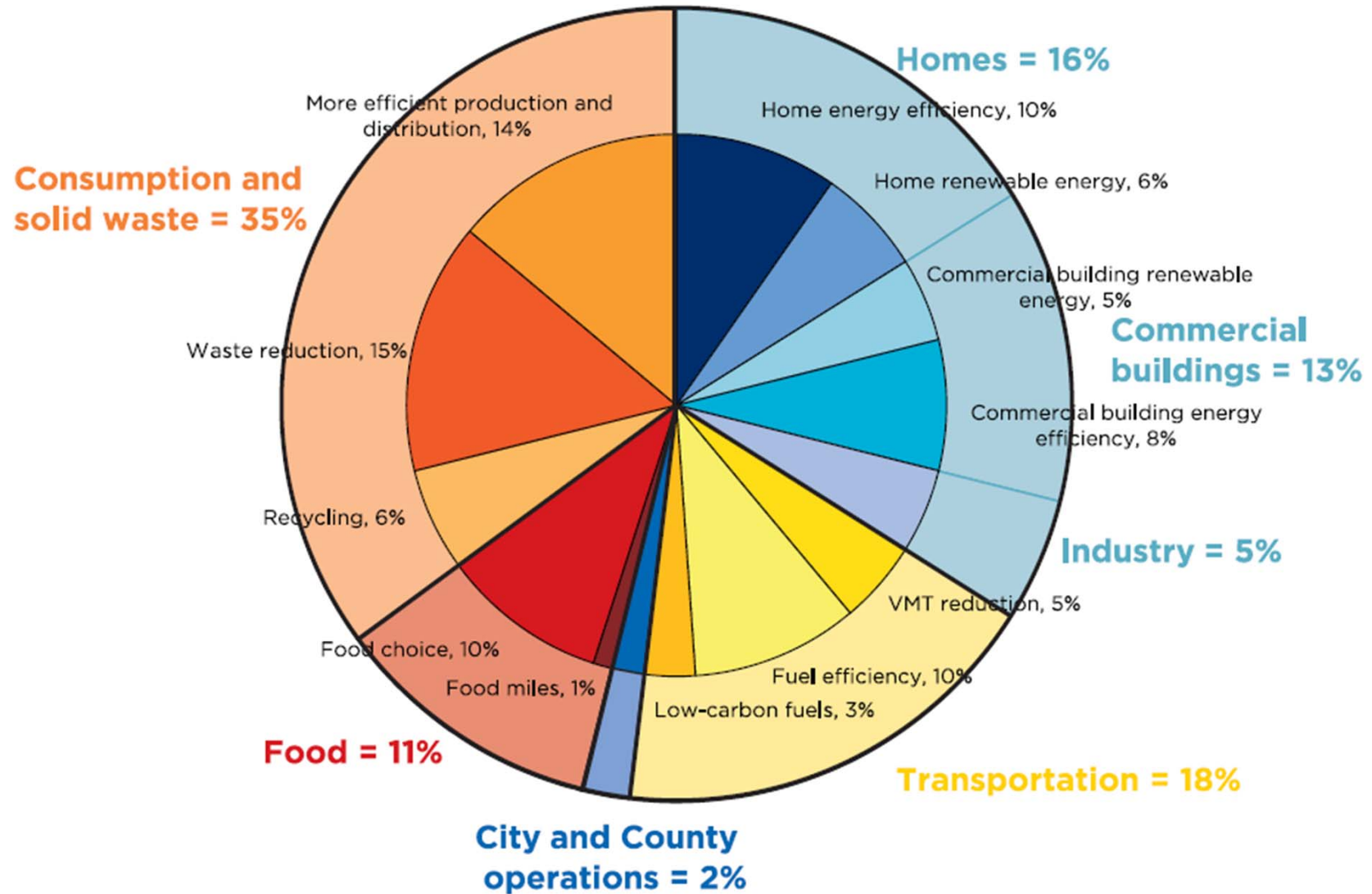
EXAMPLE - PORTLAND

- Portland
 - Population: 603,000
 - Plan date: 2009
- **2030 OBJECTIVE: Consumption And Solid Waste**
 - Reduce total solid waste generated by 25%
 - Recover 90% of all waste generated.
 - Reduce the greenhouse gas impacts of the waste collection system by 40 percent.
 - *20 percent biodiesel in trucks*
 - *reducing the miles driven by emission-control technologies.*
- **Food And Agriculture + Urban Forestry And Natural Systems**
 - Reduce consumption of carbon-intensive foods.
 - Expand the urban forest canopy
 - Acquire, restore and protect natural resources



goal: 80% below
1990 levels

EXAMPLE - PORTLAND



EXAMPLE – EUGENE

- Eugene

- Population: 150,000
- Plan date: 2010

- **Objectives and Actions for Consumption and Waste:**

- Reduce greenhouse gas emissions by addressing purchasing habits.
- Increase waste diversion by improving recycling.
- Increase waste diversion rate for organic wastes
- Conduct research to determine the most effective next steps in the area of consumption and waste.
- Reduce greenhouse gases in municipal operations by changing purchasing practices and reducing waste.

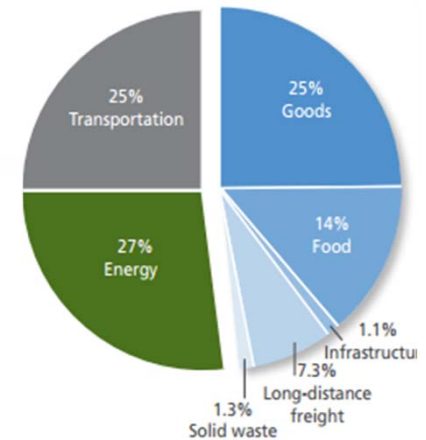
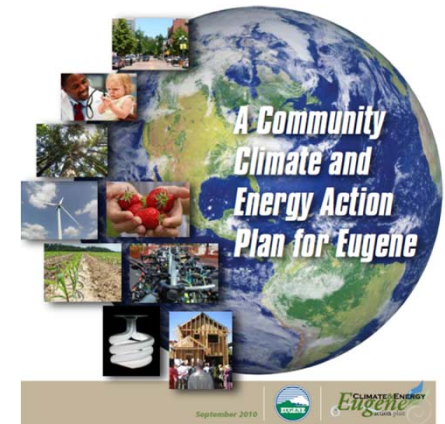


Figure 7: Greenhouse gas sources by system.
Source: Metro Regional GHG Inventory



State of Oregon

Goal: Reduce greenhouse
Gas emissions 75% below
1990 levels

TAKE AWAYS

- **Most actions:**

1. Energy:

1. Energy Efficient buildings
2. Clean & Renewable energy source

2. Transportation

1. Comp plans – Land Use
2. Clean & Renewable energy source

3. Waste

1. Expand recycling
2. Increase composting
3. Reduce/Reuse

- **Actions Vs. Goals**

1. Greater connection to goals = less actions
2. Less of a connection to goals = more actions