



# Climate Protection Overview

Environmental Programs May 20, 2008



## Seattle's Process

- Began in 1970's with energy & water conservation
- Solid Waste & Recycling 1989 – 92
- Sustainability Focus 1994
- Partnership Resource Efficient Public Schools '96
- Sustainable Building Policy 2000
- City Green Building Team Formed 2000
- First City LEED Project Completed 2000
- Seattle City Light-No Net Increase in GHG
- Green Remodel Program 2004
- Climate Action Plan 2006
- 2005 Inventory Oct 2007



# Seattle Recommendations

- Reduce dependence on Cars
    - Public transit, bicycle-pedestrian friendly, road pricing, commercial parking tax, compact neighborhoods
  - Increase Fuel Efficiency & Use of Biofuels
  - Achieve efficient clean energy at home and work
    - Reduce natural gas use, improve residential energy code, meet growth through conservation & renewable energy, maintain Seattle City Light at net 0 GHG
  - Build on Seattle's Leadership
  - Sustain Commitment
    - direct more resources, monitor & report on progress
- <<http://www.seattle.gov/html/CITIZEN/climate.htm>>



## New York Process

- Joined Cities for Climate Protection in 2002
- Created Mayor's Office of Long Term Planning and Sustainability 2006
- 2005 Greenhouse Gas Emission Inventory 2007
- Completed PlaNYC 2008

<<http://www.nyc.gov/html/planyc2030/html/home/home.shtml>>

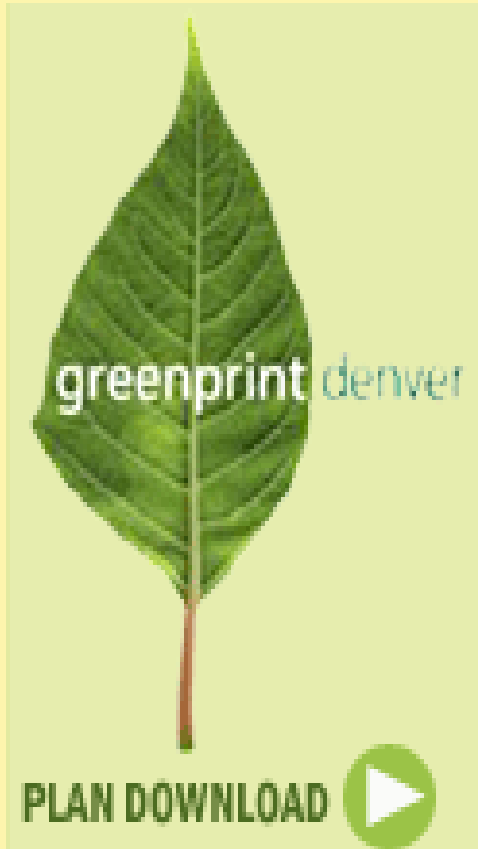


# New York Recommendations

- Land
  - Housing, Open Space, BrownFields
- Water
  - Water Quality, Water Network
- Transportation
  - Build & expand transit infrastructure, improve transit service, promote other sustainable modes, improve traffic flow by reducing congestion, repair roads & transit system
- Energy
- Air Quality
- Climate



# Denver, Colorado



- Climate Change Programs since 1991
- **First process:** 1993 Plan and 1998 update by Dept. of Environmental Health
- **2002:** Built Green Communities in 18 months
- **2007: Greenprint Council:**
  - 13 months to produce Climate Action Plan in October.



# Denver, Colorado

- 1993 & 1998 Programs to implement Urban CO2 Reduction
- 2002: Built Green Communities voluntary Public/Private Partnership
- 2007:
  - Climate Action Plan
    - Outreach to public and industry
    - Incentives
    - Develop policies

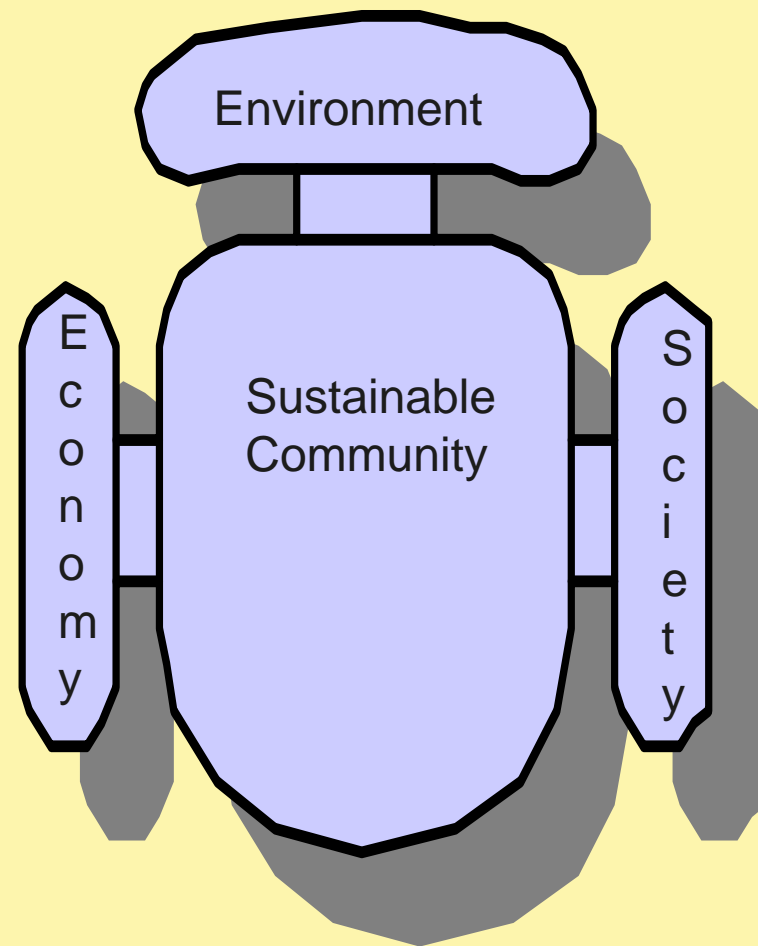
<<http://www.greenprintdenver.org>>





# Boulder, Colorado

- 2007: Two-year process Council committees
- One year public involvement process based on Comprehensive plan





# Boulder, Colorado



- Council documents need to address eight questions in each of the areas:
  - Economic
  - Environmental
  - & Social sustainability

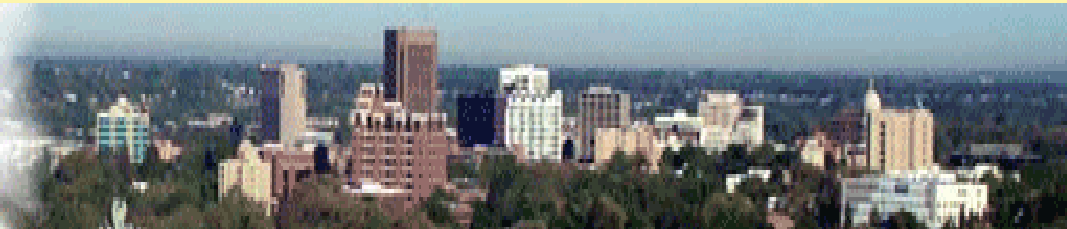
<[http://www.ci.boulder.co.us/index.php?option=com\\_content&task=view&id=750&Itemid=315](http://www.ci.boulder.co.us/index.php?option=com_content&task=view&id=750&Itemid=315)>



# Boise, Idaho

- Mayor's Advisory Committee
- Since Jan 2007
- "Blueprint Boise" is concurrent process

CityofBoise.org





# Boise, Idaho

- 3 Documents to date
  - Building
  - Transportation
  - Sequester Greenhouse Gases
- Boise Cascade is EPA Leader

<[http://www.cityofboise.org/Departments/Public\\_Works/Services/AirQuality/page18402.aspx](http://www.cityofboise.org/Departments/Public_Works/Services/AirQuality/page18402.aspx)>





## Washington State Recommendations

- Build market-based mechanisms... to deliver cost effective emission reductions
- Establish emissions reporting...
- Analyze GHG Emissions & mitigation options early in decision making, planning processes, & development projects
- Invest in worker training for the emerging Clean Economy.....
- Build & continue to redesign communities that offer real & reliable alternatives to single occupancy vehicles



## Washington State Recommendations (cont.)

- Ensure WA has vehicles that are efficient as possible using non-carbon/low carbon fuels developed sustainably from regional resources
- Focus investments in WA's transportation infrastructure to prioritize moving people and goods cleanly & efficiently
- Design, build, upgrade, & operate new & existing buildings/equipment to maximize energy efficiency
- Deliver energy from lower or non-carbon sources and more efficient use of fuels



## Washington State Recommendations (cont.)

- Restore & retain the health & vitality of WA's farms & forest lands to increase carbon sequestration & storage in forests & forest products, reduce the release of GHG emissions and support the provision of biomass fuels & energy
- Reduce waste & WA's emissions of GHG's through improved product choices & resource stewardship
- Allocate sufficient State resources to maintain WA's leadership role regionally and nationally and to fulfill its responsibilities for structuring and guiding implementation of emission reduction strategies



## Washington State Recommendations (cont.)

- **Climate Action Plan link:**

<[http://www.ecy.wa.gov/climatechange/2008cat\\_documents.htm](http://www.ecy.wa.gov/climatechange/2008cat_documents.htm)>