

City of Fort Collins Climate Wise Program

Presentation for:

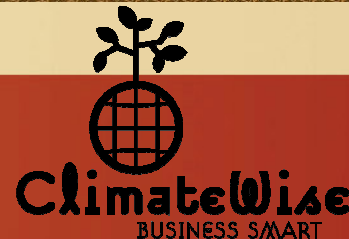
City Works

Kathy Collier, LEED AP
Climate Wise
City of Fort Collins

April 28, 2011



**Climate Wise.
Business Smart.**



What is Climate Wise?

Free, voluntary city program helping local businesses reduce carbon emissions and increase efficiency (11 years and growing!)

Provides customized recommendations for:

- Waste reduction
- Energy savings
- Transportation
- Water conservation
- Employee education



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Business Smart.



Climate Wise: Business Outreach Program

- Climate Wise business plan - tiered partner levels of Bronze, Silver, Gold and Platinum
- Partner Advisory Committee provides input into the business plan and Climate Wise operations



2010 Advisory Committee



ClimateWise
BUSINESS SMART

City of
Fort Collins

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Climate Wise Partners

More than 250 Businesses Strong



- **23 Platinum Partners**
- **30 Gold Partners**
- **98 Silver Partners**
- **1 Bronze Partner**



Climate Wise Assessments

- Assessment team comprised of experts from each of four subject areas
- Comprehensive assessment approach includes:
 - Energy
 - Water
 - Waste
 - Transportation
- Outcomes
 - Assessment reports
 - Post-assessment meetings / coordination
 - Implementation priorities and strategies



Climate Wise Assessment
Colorado CustomWare, Inc.
January 15, 2009
1109 Oak Park Dr Fort Collins, CO
75 Fort Collins, CO 80525
January 15, 2009

Colorado CustomWare, Inc.
waste reduction and transportation)
gy and water)
gy and water)

Climate Wise Assessment for: Colorado CustomWare, Inc.



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New 2010 Partner Project Examples

Mountain Whitewater Descents

- Began partnership with One World Running to clean and donate shoes



The Colorado Marathon

- Replaced its 6-page brochure with a 1-page entry form for 3,000 entries



New 2010 Partner Project Examples

Rio Grande Mexican Restaurant

- Recycled 150 lbs. of plastic bottle caps
- Recycled 130 lbs. of aluminum bottle caps and fry pans
- Donated 400 lbs. of broken plates to a local artist



Courtyard by Marriott

- Removed Internet connectivity boxes from 112 rooms = 410,108 kWh reduced per year



New 2010 Partner Project Examples

AMD

- Employees at AMD saved 50,602 miles by using alternative transportation for commuting to work



Our Savior's Lutheran Church

- Removed 2,900 square feet of bluegrass and sowed native, drought-tolerant blue grama grass



Property before project



Blue grama grass

Wal-Mart Supercenter

After joining Climate Wise

- Cardboard (continue to reuse/recycle)
- Organics (food, plants, etc.)
- Wood (mulched and composted)
- Steel (broken shopping carts, etc.)
- Commingled containers (plastic bottles, cans, etc.)
- Office paper
- Paperboard
- Encourage employees to bring cups
- Continued employee education with help from Climate Wise program



Partner Project Examples

Some of the 985 efficiency projects completed in 2010

Recycling/Waste Reduction

- Start solid waste/recycling program
- Internal materials reuse program
- Use silverware instead of plastic
- Construction and demolition recycling
- Hold “Zero Waste” meetings and events

Energy Conservation

- Upgrade to ENERGY STAR® appliances
- Lighting projects
- Cooling Tower
- Turn off computers/lights
- Efficient HVAC upgrade

Transportation

- Alternative Transportation
- Hybrid vehicle use
- Trip optimization

Water Conservation

- Xeriscaping
- Aerator replacement
- Sprinkler audit/optimization
- Indoor fixture replacement

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Partners reduced 136,000 tons CO₂e in 2010, similar to:

...planting 12 million trees

...reducing 1,800,000 car trips from Fort Collins to Denver and back

...saving 160,000 round-trip flights from Denver to NYC

Partner savings exceeded \$13 million



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Since 2000, Climate Wise partners saved:

(cumulative savings through 2010)

- Nearly 6.3 billion gallons of water
- More than 480 million kWh of electricity
- More than 12 million therms of natural gas
- 170,000 tons diverted from the landfill
- Total cost savings among partners are nearly \$39 million



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Climate Wise Provides: Technical Assessment Support



Climate Wise technical assessment at *The Vineyard Church*

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Climate Wise provides: Tools and Resources

- myClimateWise
- Greenhouse Gas
Baseline Tool
- Partner Listserv

The screenshot shows a web browser window with the URL <https://secure.fcgov.com/myaccount/climatewise/partner/index/year/2008>. The page header includes the City of Fort Collins logo and the text "Secure Citizen Portal". Below the header, there are navigation links for "my account", "jobs", and "subscriptions", along with a login field for "jarmstrong@fcgov.com".

The main content area is titled "myClimateWise - City of Fort Collins". It displays the profile for "City of Fort Collins (gold level)" with the address "215 N Mason St, Fort Collins CO 80524". The profile includes contact information for Rosemarie Russo (rrusso@fcgov.com) and fields for "Employees" and "Square Footage".

The "Steps" section shows a checklist of tasks for the year 2008, categorized by achievement level:

- Bronze:**
 - Complete Partnership Agreement
 - Submit Project/Data Report
 - Promote Program Membership
 - Display Logo
 - Attend Meetings & Seminars
 - Complete Assessment
 - Attend Climate Wise Orientation
- Silver:**
 - Implement Project with Climate Benefits
- Gold:**
 - Submit Recognition Poster Form
 - Complete Greenhouse Gas (GHG) Tool
 - Create GHG Reduction Goal
 - Participate in Program with Climate Benefits
 - Serve on Advisory Committee or Mentor Climate Wise Partner
- Platinum:**
 - Demonstrate Superior Sustainability Performance
 - Implement Employee Challenges

At the bottom of the page, it says "City of Fort Collins, Colorado 80521-80527" and "Website: <http://fcgov.com>".

Climate Wise Provides: Carbon Quantification and Cost savings



ClimateWise Green House Gas Baseline Tool

This tool was developed for ClimateWise partners to aid in the process of developing a greenhouse gas (GHG) baseline.

In order to develop a GHG baseline for your company, you will need the following information:

- utility bills (preferably for at least one year) including electricity, water, and natural gas
- vehicle miles traveled and vehicle type
- airline miles traveled (or at least an idea of what trips have been made)
- quantity of fuels used for other purposes (i.e. diesel, propane)
- quantity of solid waste landfilled
- quantity of materials recycled

Please enter your company name

Primary contact for GHG baseline

Baseline Year

[Start Here...](#)

[Help](#)

[GHG Baseline](#)

Climate Wise Provides: Public Recognition



2010 EnvirOvation event

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Climate Wise Provides: Peer Networking



Partner Talk and Tour



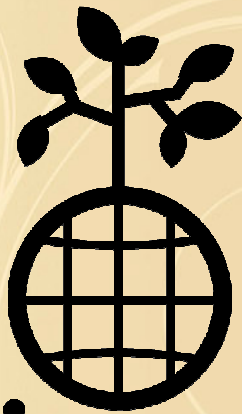
2010 Climate Wise Fall Fair

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Questions?

Thank you!



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fcgov.com/climatewise

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