

Fort Collins Climate Wise Program

City Works

Kathy Collier
Climate Wise
City of Fort Collins Natural Resources Dept

April 29, 2010

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Why Green?

- Operational efficiency
- Reduce environmental impact
- Public Recognition
- **Cost Saving\$**
- Employees: Productivity, recruitment, retention, healthy employees, employee morale
- Business / building owners: Value, marketability, occupancy, risk of obsolescence, energy, waste and water savings, insurance costs
- Community: Peak demand, water treatment, storm water, landfill, energy independence



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Climate Wise Partners*

More than 200 Businesses Strong

Advanced Energy Industries, Inc.
Advanced Micro Devices, Inc.
AECOM
Aesthetic Smiles
Alliance Construction Solutions
AlphaGraphics
American Truck Wash
Anheuser-Busch, Inc.
Architecture Plus
Armstead Construction
A-Train Marketing Communications
Austin's American Grill
Avago Technologies
Bath Garden Center and Nursery
Be Local Northern Colorado
Beckman Coulter
Beet Street
Ben & Jerry's
Best Western University Inn
BHA Design Inc.
Big Al's Burgers and Dogs
Brinkman Partners
Butter Cream Cupcakery
Café Ardour
Cambon Studios
Carrabba's Italian Grill
Catalyst Coffee Cafe & Tap Room
Centers for Disease Control and Prevention

Chippers Lanes
Citron Work Spaces
City of Fort Collins
Clean Air Compost
Clean Air Lawn Care
Clean Bees Housekeeping
CLS Visual Communications
Colorado CustomWare Inc.
Colorado State University
Coloradoan
Columbine Health Systems
Comfort Inn
Compliance Partners
Coopersmith's Brewing Company
Core Financial
Cottonwood Condos
Courtyard by Marriott
Crossroads Safehouse
CTL | Thompson
Custom Blending, Inc.
Czero Inc.
Dako Colorado, Inc.
Dellenbach Motors
Delta Construction
Dohn Construction, Inc.
Drahota
Dream Theater Colorado
Dresser-Rand Enginuity

Eco-Thrift
Egg & I Restaurant
Energy Solutions Unlimited, LLC
EnviroFriendly Lawncare
Enzio's Italian Kitchen
European Motor Cars, Inc.
ExperiencePlus! Bicycle Tours
Faith Evangelical Free Church
Farnsworth Group
First United Methodist Church
Food Bank for Larimer County
Foothills Mall
Fort Collins Board of Realtors
Fort Collins Brewery
Fort Collins Chamber of Commerce
Fort Collins Club
Fort Collins Convention & Visitors Bureau
Fort Collins Digital Workshop
Fort Collins Downtown Business Association
Fort Collins Downtown Development
Authority
Fort Collins Food Co-Op
Fort Collins Marriott
Fort Collins Veterinary Emergency Hospital
Front Range Community College
Front Range Village
Fuhrman Landscaping, Inc.
Gallegos Sanitation Inc.
GenGreen LLC
Green Cartridge Colorado
Green Logic
Green Ride Colorado
Green Sweep Cleaning & Maintenance

***NOTE: Entire list not included**

Climate Wise: Business Outreach Program

Promotes voluntary GHG reduction through

- Energy efficiency
- Waste reduction
- Water conservation
- Transportation reduction
- Employee Encouragement and Education

Climate Wise provides

- Technical assistance
- Public recognition
- Peer networking opportunities
- Carbon quantification
- Cost savings...and much more!



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Climate Wise: Business Outreach Program

- A business plan with tiered partner levels of Bronze, Silver, Gold and Platinum
- Partner Advisory Committee provides input into the business plan and Climate Wise operations
- Committee members asked staff to build in strict requirements for Platinum partners to “continually raise the bar.”



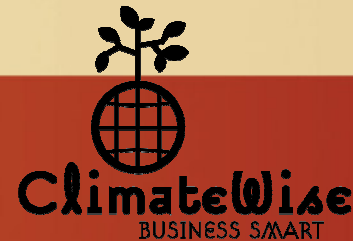
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The Climate Wise Team!



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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
Fort Collins, CO 80525
75
January 15, 2009

Colorado CustomWare, Inc.

waste reduction and transportation)

ty and water)

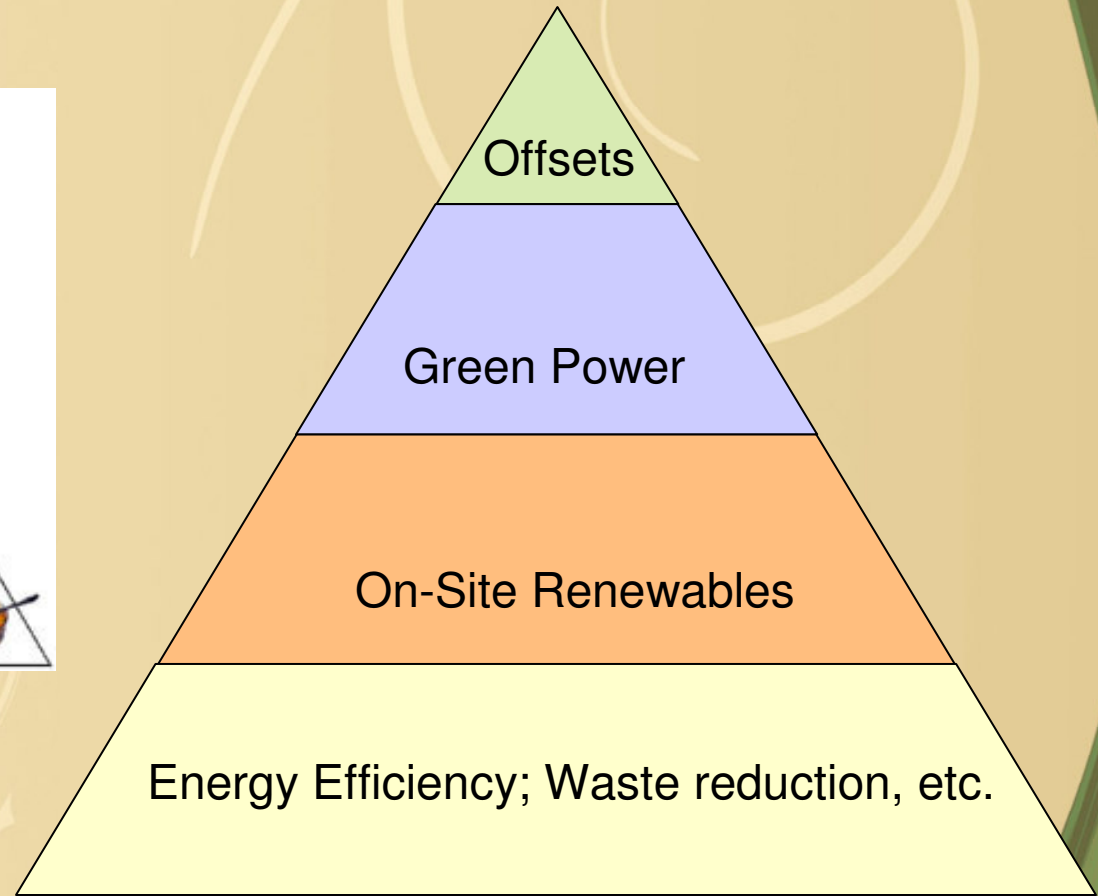
ty and water)

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The Balanced Low-carb Diet



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Partner Project Examples

Fort Collins Club Lighting Retrofit

- Retrofit completed in 2009 for 12,000 square-foot area
- Received rebate with assistance from PRPA and Fort Collins Utilities
- New lighting is cooler and helps maintain HVAC levels
- Current cost savings = \$3500/month on utility bill



New Mark Merrill Commercial Property Projects

- Reduced building water usage by 82,000 gallons by installing water aerators and toilet tank banks.
- Completed the first commercial hybrid deconstruction in Fort Collins; diverted 54% materials from the former Nate's Seafood Restaurant from the landfill
- Recycled 163 tons of concrete



NewMark Merrill

MOUNTAIN STATES

Wal-Mart Supercenter

Before full recycling efforts

Basic cardboard recycling



Wal-Mart Supercenter

composting roll-offs

During the first 3 months, 2008:

- Organics (food, plants, etc) - 30 tons diverted
- Wood - 13 tons diverted and eventually mulched and composted
- Steel (broken shopping carts and such)- 1 ton diverted
- Commingled containers (plastic bottles, cans, etc.) - ½ ton diverted
- Office paper - 1.3 tons diverted
- Paper board – 1.4 tons diverted

Partner Project Examples

Some of the 969 efficiency projects completed in 2009

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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116,500 tons CO₂e reduced in 2009, similar to

...planting 9.3 million trees

...reducing 1,400,000 car trips from Fort Collins to Denver and back

...saving 125,000 round-trip flights from Denver to NYC



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Cumulative savings through 2009

Since 2000, Climate Wise partners saved:

- Nearly 5 billion gallons of water
- More than 369 million kWh of electricity
- More than 9.5 million therms of natural gas
- 110,200 tons diverted from the landfill
- Total cost savings among partners are nearly \$33 million

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In Summary...



JOIN US!

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Climate Wise Provides: 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 is titled "City of Fort Collins" and "Secure Citizen Portal". It features a navigation bar with "my account", "jobs", and "subscriptions". The main content area is titled "myClimateWise - City of Fort Collins" and displays a checklist of steps for achieving Gold level status. The checklist is organized into levels: Bronze, Silver, Gold, and Platinum. Each step is marked with a green checkmark and a blue information icon. The steps include: Complete Partnership Agreement, Submit Project/Data Report, Promote Program Membership, Display Logo, Attend Meetings & Seminars, Complete Assessment, Attend Climate Wise Orientation, Implement Project with Climate Benefits, 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, Demonstrate Superior Sustainability Performance, and Implement Employee Challenges. The page also includes contact information for the City of Fort Collins and a footer with the website URL.

Secure Citizen Access - City of Fort Collins, Colorado USA
Feedback
City of Fort Collins
Secure Citizen Portal
my account jobs subscriptions Login: jarnatrong@fcgov.com | Logout
admin

myClimateWise - City of Fort Collins

City of Fort Collins (gold level)
215 N Mason St
Fort Collins CO 80524

- Contacts: [manage contacts](#)
 - Rosemarie Russo (rrusso@fcgov.com)
- # Employees:
- Square Footage:

2008 2009

Steps

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

City of Fort Collins, Colorado 80521-80527
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



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Climate Wise Provides: Peer Networking



Partner Talk and Tour



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What Businesses are Saying About Climate Wise



“Climate Wise helps us with structuring and maximizing our solid waste recycling and natural resource use reduction programs. This results in a feeling of positive contribution by Odell Brewing employees, as well as measurable cost savings.”

***Doug Odell, Owner
Odell Brewing Company***

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What Businesses are Saying About Climate Wise



“Through owning shopping centers in other municipalities, we have never come across a program that has been so forward thinking and forthright in helping to identify ways to not only be green, but help businesses to see the bottom line benefit of being green.”

*Luke McFetridge, NewMark Merrill
Mountain States – Fort Collins Marketplace*

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Team Contact Information

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www.fcgov.com/climatewise

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Thank you!



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BUSINESS SMART