

# U.S. EPA's Local Climate and Energy Program & Climate Showcase Communities

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Green Power Partnership Webcast

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**Local Climate and Energy Program**

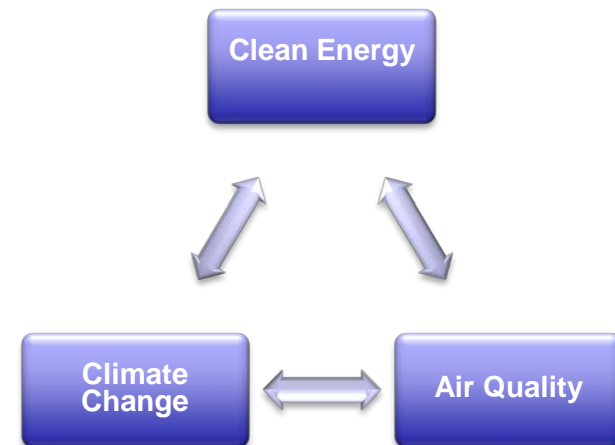


# U.S. EPA Local Climate and Energy Program



## Help communities (e.g., tribal governments, regional governments, cities, counties, etc):

- Reduce greenhouse gas emissions while achieving sustainability goals
- Identify and work with expert partners and programs
- Understand, integrate, and maximize **multiple benefits** in planning and designing programs
  - Air quality improvements
  - Cost savings
  - Energy security and reliability
  - Economic development
  - Public health
  - Quality of life



Clean Energy = Cost-effective EE, RE, CHP

# Resources for Local Climate Action & Clean Energy



## 1. Peer Exchanges

- Training webcasts on climate and energy topics, [www.epa.gov/statelocalclimate/web-podcasts/local-webcasts-by-date.html](http://www.epa.gov/statelocalclimate/web-podcasts/local-webcasts-by-date.html)
- Newsletter updates on resources, trainings, and funding opportunities, [www.epa.gov/statelocalclimate/listservs](http://www.epa.gov/statelocalclimate/listservs)
- Annual Climate Showcase Communities workshop

## 2. Key Guidance and Tools

- Comprehensive website, [www.epa.gov/statelocalclimate](http://www.epa.gov/statelocalclimate)
- *Local Government Climate and Energy Strategy Series*, [www.epa.gov/statelocalclimate/resources/strategy-guides.html](http://www.epa.gov/statelocalclimate/resources/strategy-guides.html)
- Linkages to existing internal & external technical support programs

## 3. Climate Showcase Communities (CSC)

- 50 pilot communities; \$20M
- Create, support, and showcase replicable models of sustainable community action, [www.epa.gov/statelocalclimate/local/showcase](http://www.epa.gov/statelocalclimate/local/showcase)

# U.S EPA State and Local Climate and Energy Website



Provides governments with:

- ✓ Background on climate change topics
- ✓ Information to develop and implement climate mitigation policies and programs
- ✓ Links to tools, guidance documents, webcasts, podcasts, and other technical assistance resources
- ✓ Examples and case studies
- ✓ Developing a tribal element for the Website

A screenshot of the EPA State and Local Climate and Energy Program website. The page features a header with the program name and navigation links for "Contact Us" and "Share". Below the header is a large illustration of a sustainable city with solar panels, wind turbines, and green buildings. A "Quick Finder" table lists resources for both State and Local governments. The "State" column includes links for "Getting Started", "Technical Forum", "Partner Network", "Bioenergy Primer", "Clean Energy Jobs", "GHG Inventories", "GHG Reporting", "Lead by Example Guide", "State &amp; Regional Climate", "Policy Tracking", and "Resources". The "Local" column includes links for "Getting Started", "Webcasts", "Resources", "Clean Energy Jobs", "Climate Showcase Communities", "Program", "GHG Inventories", "Local Strategy Guides", "Energy Efficiency in Municipal Operations", and "Community Types". Below the table, a paragraph describes the program's technical assistance, analytical tools, and outreach support. A bulleted list details specific assistance, such as identifying cost-effective policies, measuring environmental and public health benefits, offering guidance for reducing emissions, and fostering peer exchange. The page also features sections for "State Climate and Energy Program", "State Examples" (with a map of the US), "Local Climate and Energy Program", "Local Examples", "State Podcast", "Local Podcast", and "EPA State Technical Forum".

<http://www.epa.gov/statelocalclimate>



# Local Government Climate and Energy Strategy Series



- Straightforward GHG emissions reduction strategies local governments can use to achieve economic, environmental, social, and human health benefits
- Each document provides an overview of:
  - Benefits
  - Planning and design
  - Key stakeholders
  - Policy mechanisms
  - Implementation considerations
  - Costs and funding opportunities
  - Programs and resources that offer technical assistance
  - Examples and case studies
- Available at:  
[www.epa.gov/statelocalclimate/resources/strategy-guides.html](http://www.epa.gov/statelocalclimate/resources/strategy-guides.html)

## Documents in this series include:

### Energy Efficiency

- ✓ **K-12 Schools**
- ✓ **Affordable Housing**
- ✓ **Energy-Efficient Product Procurement**
- ✓ Local Government Operations
- ✓ Combined Heat and Power
- *Water and Wastewater Facilities*

### Transportation

- ✓ **Transportation Control Measures**

### Community Planning and Design

- ✓ **Smart Growth**
- *Urban Heat Island Reduction*

### Solid Waste and Materials Management

- *Resource Conservation and Recovery*

### Renewable Energy

- ✓ **Green Power Procurement**
- ✓ **On-Site Renewable Energy Generation**
- ✓ **Landfill Gas to Energy**

✓ **Final**

✓ **Draft**

— *In Development*



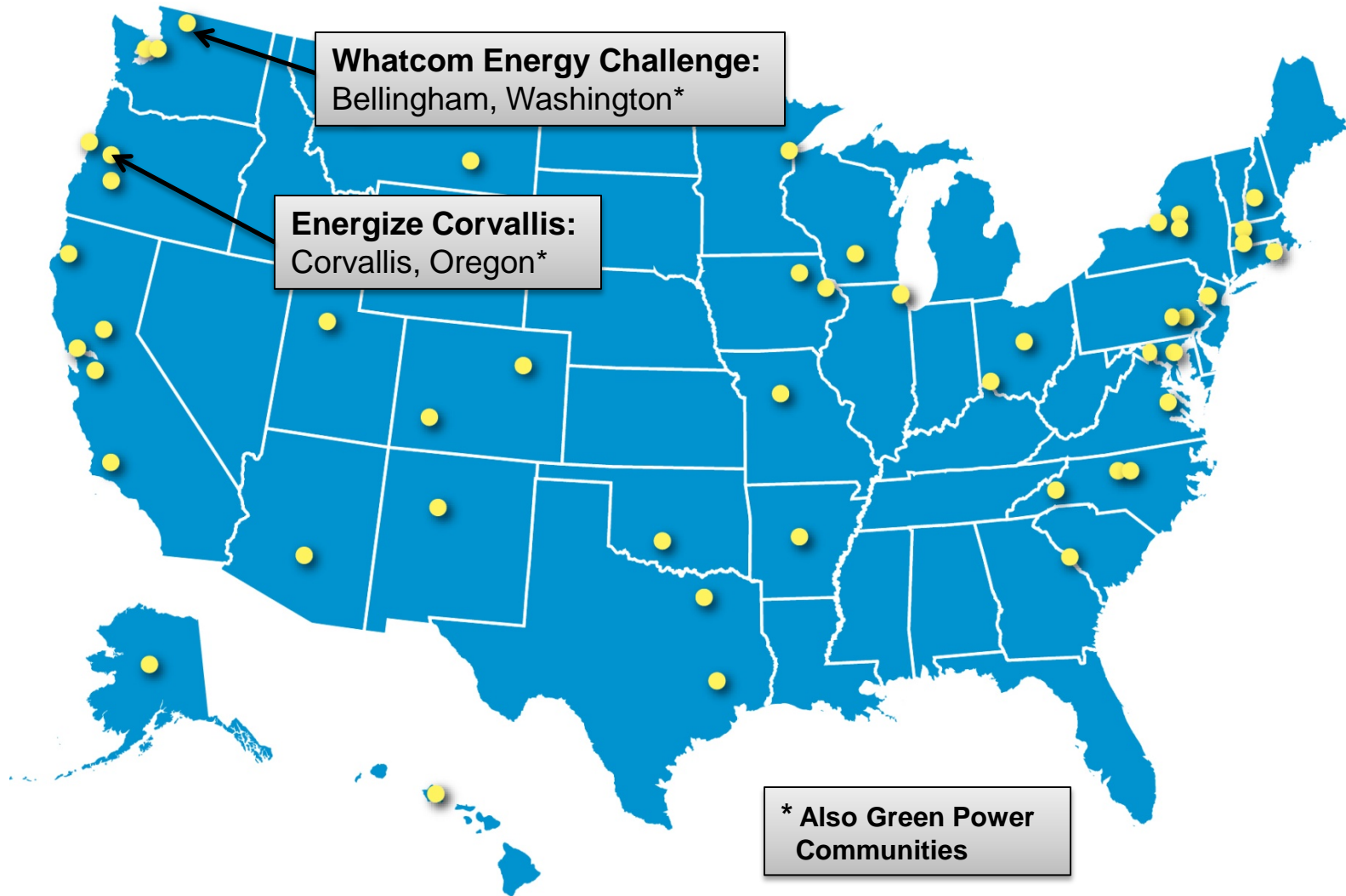
# Climate Showcase Communities Program



- \$20 million in Competitive Grants Awarded to Local Governments and Tribal Nations in FY09 and FY10
- Mission
  - Create models of cost-effective and persistent GHG mitigation
  - Catalyze broader local and tribal government climate actions
  - Improve environmental, economic, health, and social conditions
- Scope
  - Energy Efficiency – Residential, Commercial, Public
  - Renewable Energy/Energy Production
  - Transportation & Smart Growth
  - Waste
  - Multijurisdictional Programs
  - Cross-Cutting Programs & Outreach



# 50 Climate Showcase Communities Grantees



<http://www.epa.gov/statelocalclimate/local/showcase/index.html>

# CSC Climate Action: Multiple Motivators, Multiple Benefits



- Community Values + Local Action = Sense of Identity + Pride in Community
- Grantees are pursuing and tracking a range of economic, health, social and environmental benefits that align with community priorities and objectives
- Estimate that by 2014 their projects will:
  - Save nearly **\$19 million** per year in energy costs
  - Create at least **115 jobs** and provide job training to over **450 people**
  - Avoid more than **350,000 metric tons** of GHG emissions each year, equivalent to the annual emissions from almost **70,000 passenger vehicles** or the energy used by **30,000 homes**
- Your community can learn from these pilot projects and develop programs to meet your goals



# CSC Roadmap for Energizing Local & Tribal Climate Programs



## Showcasing Value...

- Concrete Results
- Compelling Stories
- Effective Models/Practices



## Maximizing Impact...

- Collaborating with Other Networks
- Leveraging Related Programs
- Individual & Collective "Brand" Identity



## Inspiring Others...

- Peer Leadership
- Compelling Messages
- Key Audiences
- Effective Communications Channels



# CSC Profiles, Updates & Multimedia on the Web

<http://www.epa.gov/statelocalclimate/local/showcase/index.html>



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## State and Local Climate and Energy Program

[Contact Us](#)
[Share](#)

State and Local Home

Basic Information

State Climate and Energy Program

Local Climate and Energy Program

Getting Started

Local Examples

Topics

Local Government Activities

Types of Communities

Climate Showcase Communities Program

Tribal Climate and Energy Initiatives

Economic Recovery (ARRA) Resources

Webcasts and Podcasts

Listservs

Resources

Events

Site Map

You are here: [EPA Home](#) » [State and Local Climate and Energy Program](#) » [Local Climate and Energy Program](#) » [Climate Showcase Communities Program](#)

## Climate Showcase Communities Program

In 2009 and 2010, EPA awarded \$20 million in competitive grants to help local and tribal governments establish and implement climate change initiatives. The overall goal of the Climate Showcase Communities program is to create replicable models of cost-effective and persistent greenhouse gas reductions that will catalyze broader local and tribal government actions to stabilize the climate and improve environmental, economic, health, and social conditions.

The 49 communities profiled below were selected in two rounds of funding. One additional award is pending and will be announced in the coming months. EPA offers peer exchange, training, and technical support to grant recipients, and encourages replication across the country to promote the creation of sustainable climate management programs that are not only the foundation for stabilizing our climate, but also create jobs, improve people's health, and fulfill other local government priorities.



**Please note:** Funding is limited to 2009 and 2010 grant recipients. EPA does not anticipate issuing future funding solicitations for the Climate Showcase Communities program.



Project Title	Govt. Name	State	Project Type	Population	Govt. Type	Grant Year
<a href="#">GHG Reduction Through Home Energy Affordability Loan Program</a>	City of Little Rock	AR	Efficiency-Commercial	189000	City	2011
<a href="#">Industrial Packaging Prevention and Reuse Project</a>	Alameda County Waste Management Authority	CA	Waste Management	1491000	County	2011
<a href="#">Maximizing GHG Reductions through Food Waste Diversion</a>	Humboldt Waste Management Authority	CA	Waste Management	130000	County	2011
<a href="#">Santa Ynez Chumash Community Energy Project</a>	Santa Ynez Band of Chumash Indians	CA	Multiple	4300	Tribal	2011
<a href="#">Climate Wise Communities</a>	La Plata County	CO	Multiple	50000	County	2011



# Corvallis, Oregon: Energize Corvallis

## Community Engagement for Greenhouse Gas Reductions



### Energize Corvallis: Community Engagement for Greenhouse Gas Reductions

Corvallis, Oregon

Federal Funding: \$491,762

Project Timeline: February 2011 – February 2014

- [Project Summary](#)
- [Community Characteristics](#)
- [Program Results/Estimated Results](#)
- [Project Website](#)
- [Media Coverage](#)



#### Project Summary

##### Promoting Community Engagement through Energy Reduction Programs

The City of Corvallis will implement four complementary pilot programs across the City, all designed to promote the city's energy independence and climate change mitigation actions while increasing community involvement in the process. The project, Energize Corvallis, will draw on the expertise of four established institutions. Using this expertise, the City

#### LATEST UPDATE

All four Energize Corvallis programs are conducting outreach to residents, local community groups, and businesses by holding volunteer training sessions. Communities Take Charge staff met with the local school district to discuss how the program can be incorporated into high school classes. Additionally, the City has been updating the Energy Corvallis website to include current program information. For example, Communities Take Charge developed a webpage that helps engage communities by challenging users to pledge to take energy conservation or efficiency actions, sending automated email reminders about the pledge, and following up with a survey.

#### Program Results/Estimated Results

Expected GHG Reductions:	4469 metric tons CO <sub>2</sub> e annually
Expected Electricity Reductions:	3.8 million kWh
Expected Natural Gas Savings:	406,000 therms
Expected Communities Take Charge participants:	5,500
Expected Energizers:	60 to 90
Expected Neighborhood Sustainability Stewards:	50

The suite of programs will offer multiple commitment levels to maximize community members' willingness and ability to participate. With the lowest level of required engagement, the Kilowatt Cruncher program is a neighborhood-based approach to reducing



# Contact Information

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State and Local Climate and Energy Program:

<http://www.epa.gov/statelocalclimate/>

Climate Showcase Communities:

<http://www.epa.gov/statelocalclimate/local/showcase/index.html>