

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

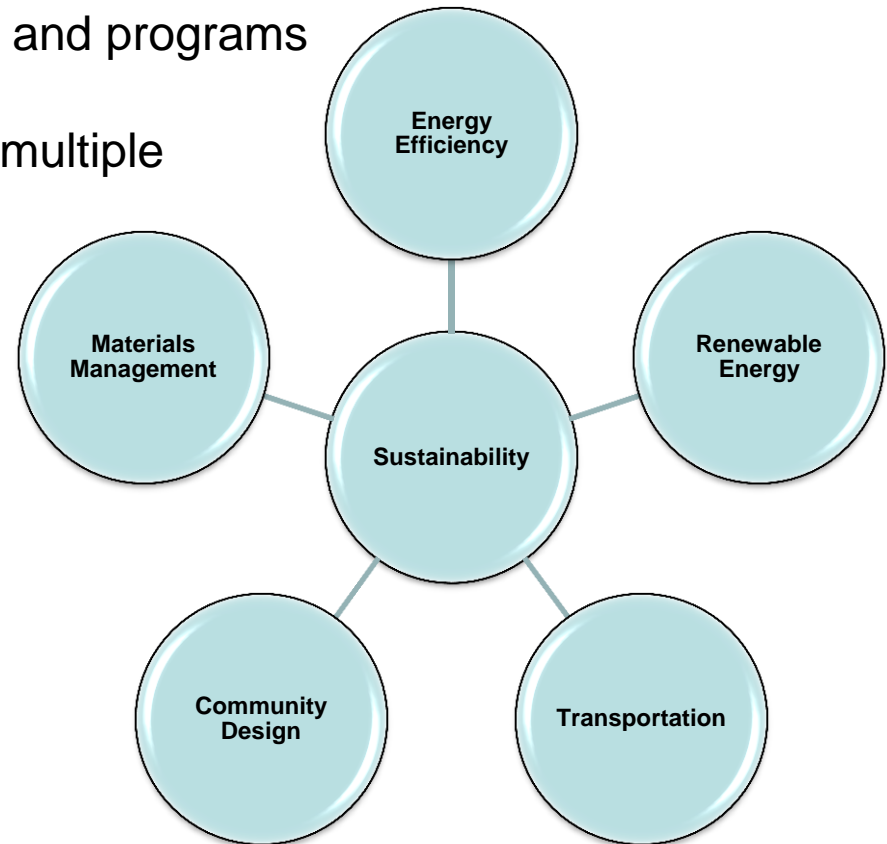


U.S. EPA Local Climate and Energy Program: Our Goals



Help communities:

- 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



U.S. EPA Local Climate and Energy Program: Our Resources



- Guidance and Tools
 - Provide technical resources on developing, implementing, & evaluating GHG and heat island mitigation projects (e.g., [Local Government Climate and Energy Strategy Series](#))
 - Link to internal and external technical support programs

- Peer-to-Peer Exchange
 - Facilitate knowledge transfer & project replication
 - Engage a wide range of stakeholders to leverage resources & expertise
 - Provide [training webcasts](#) to support capacity building and [newsletter updates](#) to highlight new resources/funding opportunities

- Climate Showcase Communities (CSC) Program
 - Support, document, and showcase [replicable models](#) of sustainable community action to create a foundation for broader local climate action
 - **Demonstrate value of investing in communities**



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

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

Solid Waste and Materials Management

- Resource Conservation and Recovery

Renewable Energy

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

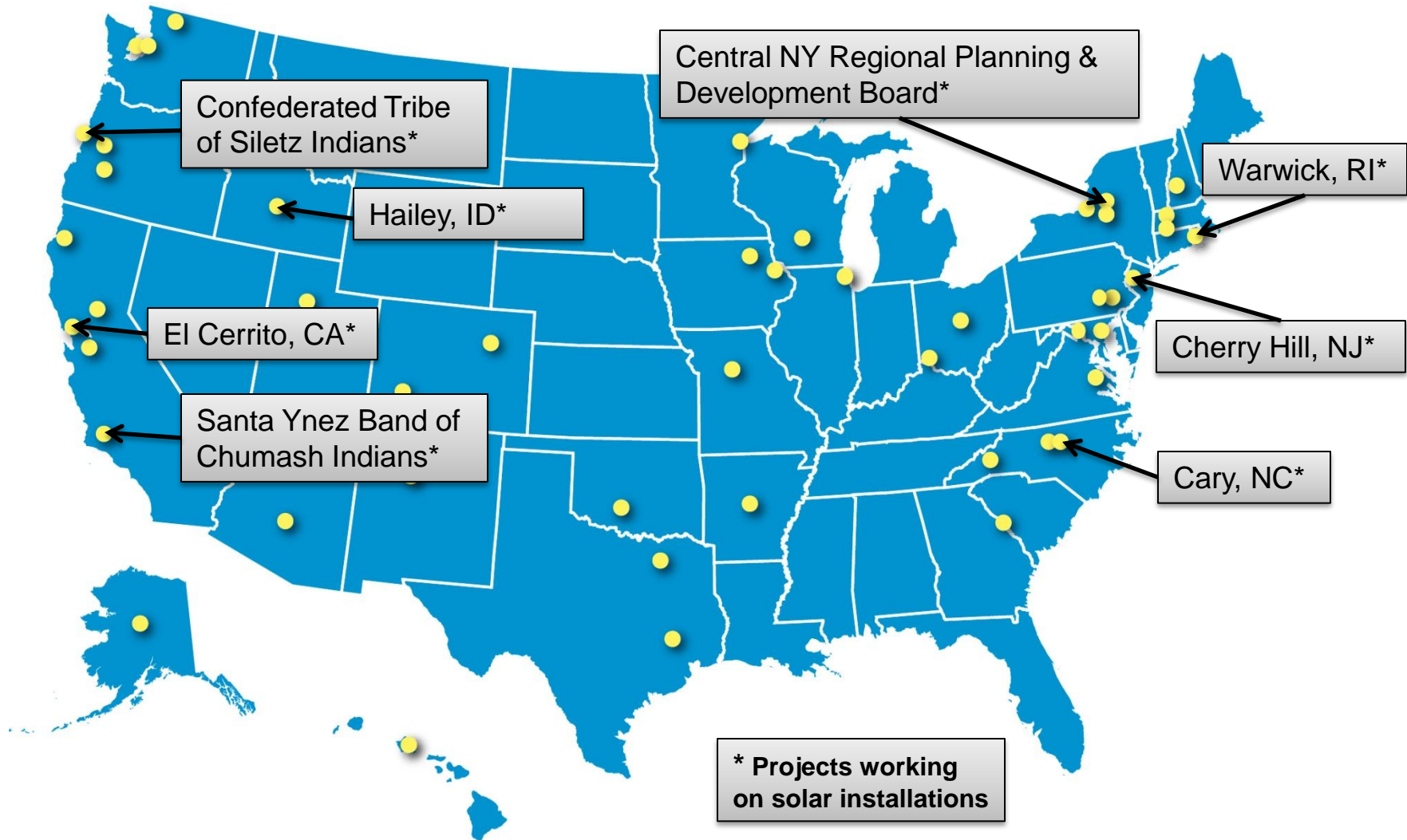


Climate Showcase Communities



- 50 pilot communities awarded \$20M to pursue cost-effective, sustainable GHG mitigation projects
- CSCs are pursuing and tracking a range of environmental, economic, health, and social benefits that align with community priorities and objectives
 - Community Values + Local Action = Sense of Identity + Pride in Community
- CSCs estimate that by 2015 their projects will:
 - Save over **\$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

50 Climate Showcase Communities Grantees



Coastal Oregon On Line Climate Assessment Program: Confederated Tribe of Siletz Indians



Coastal Oregon On Line Climate Assessment Program (COOL CAP)

Siletz, Oregon

Federal Funding: \$323,305

Project Timeline: February 2011 – January 2013

- [Latest Update](#)
- [Photos](#)
- [Project Summary](#)
- [Community Characteristics](#)
- [Program Results](#)

Latest Update

The Confederated Tribe of Siletz Indians (CTSI) is on track to reduce energy-related energy consumption data in tribal administration buildings and enter the four buildings in the ENERGY STAR National Building Competition. CTSI is also collecting energy consumption data in tribal administration buildings and enter the MS Access database. In addition, CTSI is continuing to do public outreach and recycling information booths at community events and hosting a beach cleanup demonstration garden to showcase a solar pump, composting, rain barrel usage request for proposals to install solar photovoltaic panels on the Tillicum Fitness Center contractors in the local area, and work on design considerations for a solar system Action Plan, installing a weather station, and contacting utility companies for assistance electricity and installing a grid-tie solar PV system. Additionally, CTSI will continue to work on energy efficiency and waste reduction.



Community Characteristics

Population	1,600
Area	23 square miles
Government Type	Tribal
Community Type	Rural
Median Household Income	\$30,804

Program Results

	Reported Results (as of September 2012)	Projected Cumulative Results
Annual GHG Reductions	n/a	1,189 mt CO ₂ e
Annual Cost Savings	n/a	\$1,156
Full Time Jobs Created	n/a	1



Connecting CSC with Broader Local and Tribal Action

Showcasing Value...

- Concrete Results
- Compelling Stories
- Effective Models/Practices



Maximizing Impact...

- Collaborating with Other Networks
- Leveraging Related Programs
- Building Individual & Collective Identity
- Pursuing Complementary Policies & Long-Term Sustainability



Inspiring Others...

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



Main Messages

- Local governments have a valuable role to play in climate mitigation, and EPA has resources available to help them reduce their GHG emissions while pursuing a range of sustainability projects with multiple benefits
- The Climate Showcase Communities are developing concrete models of local climate action and achieving real results that make a difference for the quality of life in their communities
- EPA is committed to learning from their experiences, documenting their stories, and helping other communities replicate their achievements



Contact Information



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