

The U.S. EPA Local Climate and Energy Program webcast titled **“Using Smart Growth Strategies to Reduce Greenhouse Gas Emissions”** will start in a few minutes.

Thank you for joining us.





Using Smart Growth Strategies to Reduce Greenhouse Gas Emissions

U.S. EPA Local Climate and Energy Webcast
March 31, 2010

Webcast Agenda



- Introduction and U.S. EPA Local Climate and Energy Program Overview, Neelam R. Patel
 - www.epa.gov/statelocalclimate/local.html
- U.S. EPA – Using Smart Growth Strategies to Reduce Greenhouse Gas Emissions, Megan Susman
 - www.epa.gov/statelocalclimate/local/topics/land.html
 - www.epa.gov/smartgrowth
- Boise, Idaho – Quality Infill Can Help the Environment, Elaine Clegg
 - www.idahosmartgrowth.org
- Arlington, Virginia – Smart Growth in Arlington – A Quick Overview, Chris Zimmerman
- Q and A Session

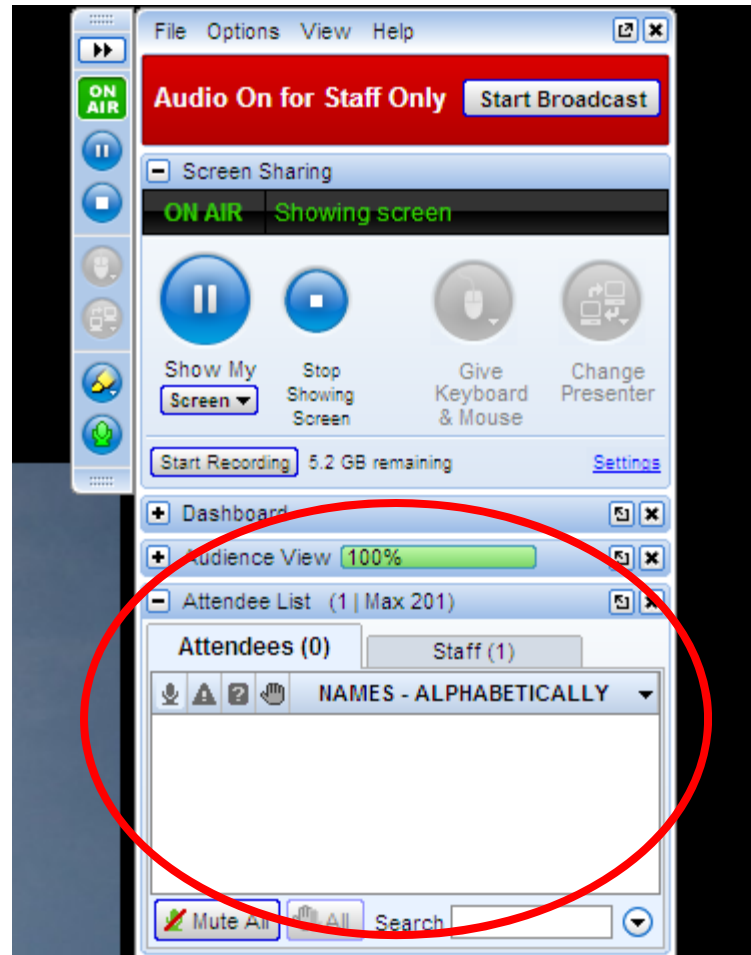
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- You will be muted throughout this webcast to minimize background noise. You'll be able to submit questions and comments in writing.
- Today's session will be recorded and will be made available for download in a few weeks at:
 - All files:
 - <http://www.epa.gov/statelocalclimate/web-podcasts/local-webcasts-by-date.html>
 - Podcasts:
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- Throughout the webcast, if you have problems, please contact Lauren Pederson at Lpederson@icfi.com

Attendees (GoTo Meeting)

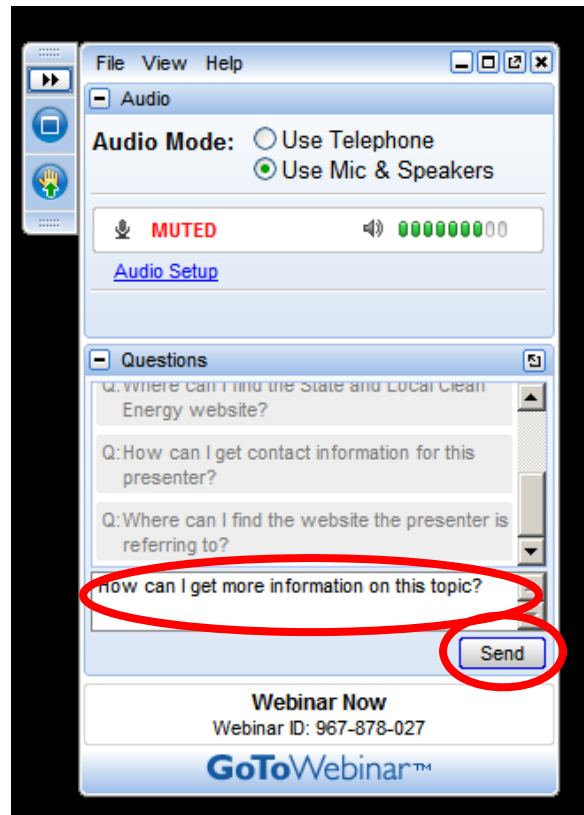
You can see who else is participating in the Attendees list.



Questions (GoTo Meeting)

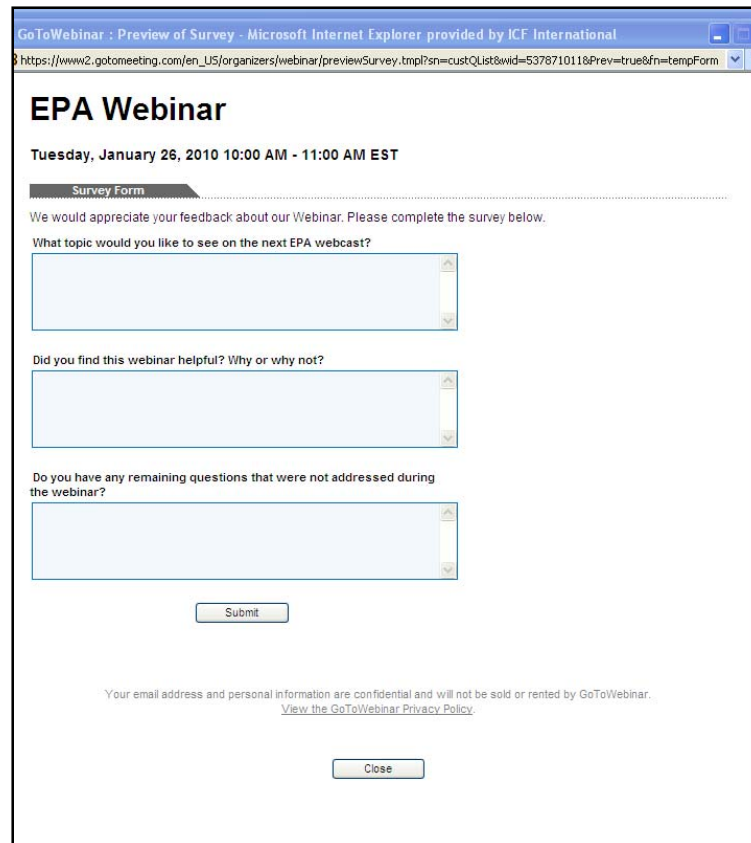
If you have a question, submit through the question pane.

We will compile these questions, and ask them during the Q&A session. Please include the name of the presenter who should answer your question.



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EPA Webinar

Tuesday, January 26, 2010 10:00 AM - 11:00 AM EST

Survey Form

We would appreciate your feedback about our Webinar. Please complete the survey below.

What topic would you like to see on the next EPA webcast?

Did you find this webinar helpful? Why or why not?

Do you have any remaining questions that were not addressed during the webinar?

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Local Climate and Energy Program



Informational and Peer Exchange Network

- Advance comprehensive climate and clean energy approaches in local governments and their communities
- Focus on established, cost-effective best practices: Energy efficiency first, renewable energy second
- Serve as a gateway to existing resources and programs
- Develop new tools, resources, and guidance
- Facilitate peer to peer exchange
- Showcase success stories

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

Local Climate and Energy Program Goals



Assist localities (e.g., tribal governments, regional governments, municipalities and small communities) to:

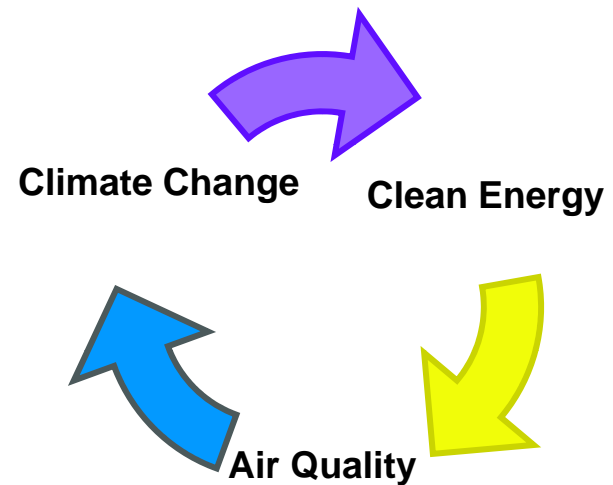
- Reduce greenhouse gas emissions while achieving their sustainability goals
- Identify and work with expert partners and programs
- Understand, integrate, and maximize multiple benefits (e.g., energy savings, cost savings, public health benefits, economic growth, securing local energy) in planning and designing programs

EPA Local Climate and Energy Program Approach



Multiple Benefits Framework for Climate - Clean Energy

- Local Governments can achieve:
 - **Air quality improvements**
 - **Greenhouse gas emission reductions**
 - **Energy security and reliability**
 - **Economic development**
 - **Public health**
 - **Quality of life**



Clean Energy: Energy Efficiency, Renewable Energy, Clean Distributed Generation

Local Climate and Energy Program Resources



- Web site
- Additional webcasts and training opportunities
- Economic Recovery resources for energy efficiency and renewable energy
- Climate Showcase Communities Grant
- Information on additional technical support and EPA programs related to climate mitigation
- Local Climate and Energy Strategy Guides
 - Smart Growth
 - Energy Efficiency in Affordable Housing
 - Transportation Control Measures (*coming soon*)



State and Local Climate and Energy Website – Released on February 16



Provides State and Local governments with:

- Information to develop comprehensive **climate strategies**
- Background on climate change topics
- Information to **develop and implement climate mitigation policies and programs**
- Links to a wide array of **tools, guidance documents, webcasts, podcasts, and other technical assistance resources**
- **Examples and case studies**

The screenshot shows the homepage of the State and Local Climate and Energy Program website. At the top, there is a navigation bar with 'Contact Us' and 'Share' links. Below this is a large banner image depicting a sustainable city with solar panels, wind turbines, and green buildings. The main content area is divided into several sections:

- Quick Finder:** A table with two columns, 'State' and 'Local', listing various resources such as 'Getting Started', 'Technical Forum', 'Partner Network', 'Bioenergy Primer', 'GHG Inventories', 'Clean Energy Jobs', 'Lead by Example Guide', 'State & Regional Climate Policy Tracking', 'Local Strategy Guides', 'Energy Efficiency in Municipal Operations', 'Local Government Community Types', 'Webcasts', 'Resources Database', 'Clean Energy Jobs', 'Climate Showcase Communities Grants', and 'Local Strategy Guides'.
- EPA's State and Local Climate and Energy Program:** A paragraph describing the program's mission to provide technical assistance, analytical tools, and outreach support to state, local, and tribal governments. It lists specific assistance activities:
 - Identifying and documenting cost-effective policies and initiatives that address climate change, including those that promote renewable energy, energy efficiency, and related clean technologies.
 - Measuring and evaluating the environmental, economic, and public health benefits of climate change and clean energy initiatives.
 - Offering tools, guidance, and outreach support for assessing the options and benefits of actions to reduce greenhouse gas emissions.
 - Fostering peer exchange opportunities for state and local officials to share information on best practices and lessons learned about innovative policies and programs.
- State Climate and Energy Program / Local Climate and Energy Program:** A dropdown menu currently showing the 'Local Climate and Energy Program' section, which describes how the program helps local governments meet sustainability goals with cost-effective climate change mitigation and clean energy strategies.
- State Examples:** A section titled 'State Examples' with the subtitle 'Case studies, GHG inventories, Climate action plans' and a map of the United States showing various locations.
- What's New:** A section listing recent updates, including the launch of the new website and the release of a report titled 'Assessing the Multiple Benefits of Clean Energy: A Resource for States'.
- State Podcast:** A section for 'Energy Efficiency Resource Standards, January 19, 2010'.
- Local Podcast:** A section for 'October 13, 2009 - Developing Energy Efficiency Programs for K-12 Schools'.
- EPA State Technical Forum:** A section for 'February 25, 2010 U.S. EPA Mandatory Reporting Rule'.
- EPA Local Webcasts:** A section for local webcasts.

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

Webcasts and Training



- Local Climate and Energy Webcast Series
 - Held monthly, announced via our listserv and website
 - Each call features local government case studies and speakers
 - Future Topics:
 - Smart Grid
 - Transportation Control Measures
 - Heat Island Reduction
 - View past webcasts at:
 - All files: www.epa.gov/statelocalclimate/web-podcasts/local-webcasts-by-date
 - Podcasts: www.epa.gov/statelocalclimate/web-podcasts
- Next Webcast – Smart Grid will be held on April 29, 2010
- Additional Webcast Opportunities
 - ENERGY STAR Training Center <http://energystar.gov/training>
 - State Climate and Energy Technical Forum www.epa.gov/statelocalclimateee/web-podcasts/forum.html
 - DOE Technical Assistance Project for State and Local Officials http://apps1.eere.energy.gov/wip/tap_webcasts.cfm
 - Information on other EPA Clean Energy webcasts is available at:
 - <http://www.epa.gov/statelocalclimate/web-podcasts/index.html>
 - <http://www.epa.gov/statelocalclimate/events/index.html>

EPA ARRA Resources for Energy Efficiency and Renewable Energy Projects



State and Local Climate and Energy Economic Recovery Resources Website

www.epa.gov/statelocalclimate/econ-recovery

Funding Opportunities within ARRA 2009:

- **Document:** American Recovery and Reinvestment Act of 2009: A Guide to Renewable Energy and Energy Efficiency Opportunities for Local and Tribal Governments

EPA Programs and Resources:

- **Document:** ARRA 2009: State and Local Guide to U.S. EPA Climate and Energy Program Resources

Project Ideas and Implementation Support Resources:

- **Toolkits** - Rapid Deployment Energy Efficiency (RDEE)
- **Documents** – Clean Energy Funds, EECBG drop-in text samples, Local Clean Energy Strategy Guides, Energy Star products for Shovel-ready projects
- **Webcasts** – Local climate and energy webcast series, Energy STAR building benchmarking webcasts, other Energy STAR webcasts

Climate Showcase Communities Grant



- Competitive grant for local and tribal governments
- Goal: showcase documentable, replicable GHG reductions that build community capacity and address multiple benefits
- First 20 Showcase Communities announced Feb 25th
- Round 2 of Funding Expected to open in May 2010
 - \$10 million for 20-30 projects

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



Climate Showcase Grant Framework



- Demonstrate integrated and sustainable community approaches that achieve large reductions in GHG emissions and additional co-benefits (Air Quality, Jobs, etc.)
 - Planning through implementation (including financing, technical assistance, policy development, training, and partnerships)
 - Major emission sources -- buildings, transportation, public services
 - Robust Measurement and Reporting
- Build networks and peer exchange to share approaches
 - Spur additional climate action
 - Support comprehensive and integrated GHG management that creates jobs
 - Offer forums for training and peer exchange
 - Regular webcasts for grantees
 - Annual Conferences



EPA Partnership and Technical Support Opportunities for Locals



- Help Local Governments:**
- Learn from Best Practices
 - Emphasize Co-Benefits
 - Integrate Planning
 - Prioritize EE as a Resource
- These programs offer:**
- Direct Technical Support
 - Peer Exchange
 - Tools and Guidance



Collision Repair Campaign



Resource Guide: State & Local Guide to U.S. EPA Climate and Energy Program Resources



- **Provides overview of EPA clean energy programs that can help expand or develop clean energy initiatives**
- **Each program description includes:**
 - **Basic information and contact details**
 - **Potential target audiences**
 - **Highlights of tools and resources**
 - **Suggestions of possible actions**
- **EPA programs are organized into six categories:**
 - **Buildings**
 - **Industry**
 - **Electric power and renewable energy**
 - **Transportation**
 - **Energy education**
 - **Policy, planning, and energy security**
- **www.epa.gov/statelocalclimate/documents/pdf/slb_guide_to_program_resources.pdf**

Local Climate and Energy Strategy Guides



- **Covers Multiple Strategies in Five Areas**
 - Energy Efficiency, Energy Supply, Transportation, Community Planning and Design, Solid Waste and Materials Management
 - For each strategy, outlines: benefits, measures, key participants, mechanisms for implementation, costs, funding, interaction with federal, regional, and state programs, case studies, and resources/references
- **Nine Draft Guides Currently Available**
 - [Energy Efficiency in Affordable Housing](#)
 - Energy Efficient Product Procurement
 - Combined Heat and Power
 - Energy Efficiency in Municipal Operations
 - [Smart Growth](#)
 - Green Power Procurement
 - On-site Renewables
 - Landfill Gas to Energy
 - Energy Efficiency in K-12 Schools
- **Upcoming Guides**
 - [Transportation Control Measures](#)
 - Efficient Fleets
 - Reducing Urban Heat Islands
 - <http://www.epa.gov/statelocalclimate/resources/strategy-guides.html>

Featured Local Climate and Energy Guide - Smart Growth



Content Snapshot

- Strategy for reducing GHG and criteria air pollutant emissions in local and regional land use planning and transportation planning for communities
- Opportunity: connect to other goals, priorities & initiatives—especially efficiency; identify & remove barriers
- Smart Growth Benefits for local governments & communities
 - Reduce GHG emissions and other pollutants
 - Reduce energy costs
 - Increase community choices
 - Enhance public health and quality of life
 - Demonstrate leadership
- Tools, Resources, and Local Government Examples
- http://www.epa.gov/statelocalclimate/documents/pdf/smart_growth_guide.pdf

Featured Local Climate and Energy Guide - Smart Growth



Content Snapshot (continued)

High Point, Washington

Background:

- The Seattle Housing Authority initiated redevelopment of a public housing project in 2001.
- Residents of public housing project along with residents of the surrounding area were closely involved in the design of the new neighborhood development.
- Today, the neighborhood blends rental and for-sale homes, and its affordable housing are indistinguishable from the market-rate homes.

Results:

- 1,600 homes are projected to use less energy than the 716 homes that were previously on the site.
- Estimated energy savings, reduced demand on wastewater treatment facilities, and other environmental benefits add up to about \$17 million.

http://www.epa.gov/statelocalclimate/documents/pdf/smart_growth_guide.pdf

Local Climate and Energy Contacts



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Main Website:

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

State and Local Climate and Energy Listserv:

www.epa.gov/statelocalclimate/listservs/index.html#a01