

# U.S. EPA's Local Climate and Energy Webcast Series Presents:

## Energy Efficiency in Municipal Operations

We will start in a few minutes. Thank you for joining us.





Local Climate and Energy Program

# Energy Efficiency in Municipal Operations

U.S. EPA Local Climate and Energy Program

July 12, 2011

# Webcast Agenda



- Logistics & Introduction  
**Emma Zinsmeister, U.S. EPA Local Climate and Energy Program**
- Promote Energy Efficiency with ENERGY STAR  
**Kudret Utebay, Cadmus**
- New Jersey Sustainable Energy Efficiency Demonstration Projects  
**Tony O'Donnell & Randall Solomon, The College of New Jersey**  
*U.S. EPA Climate Showcase Community*
- Red and Blue and Green All Over: A Triangle Region Sustainable Emergency Services Program to Reduce GHG Emissions  
**Emily Barrett, Town of Cary, NC**  
*U.S. EPA Climate Showcase Community*
- Question & Answer Session

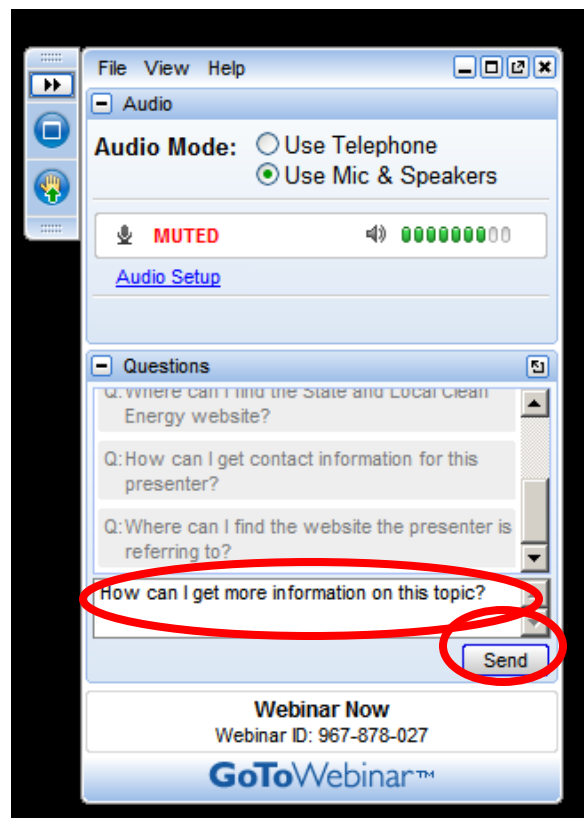
# GoTo Webinar Software Logistics



- You will be muted throughout this webcast to minimize background noise. You'll be able to submit questions and comments in writing.
- PDF and audio files of today's session will be made available for download in a few weeks at:
  - <http://www.epa.gov/statelocalclimate/web-podcasts/index.html>
- Throughout the webcast, if you have technical difficulties, please contact Lauren Pederson at:
  - [lpederson@icfi.com](mailto:lpederson@icfi.com)

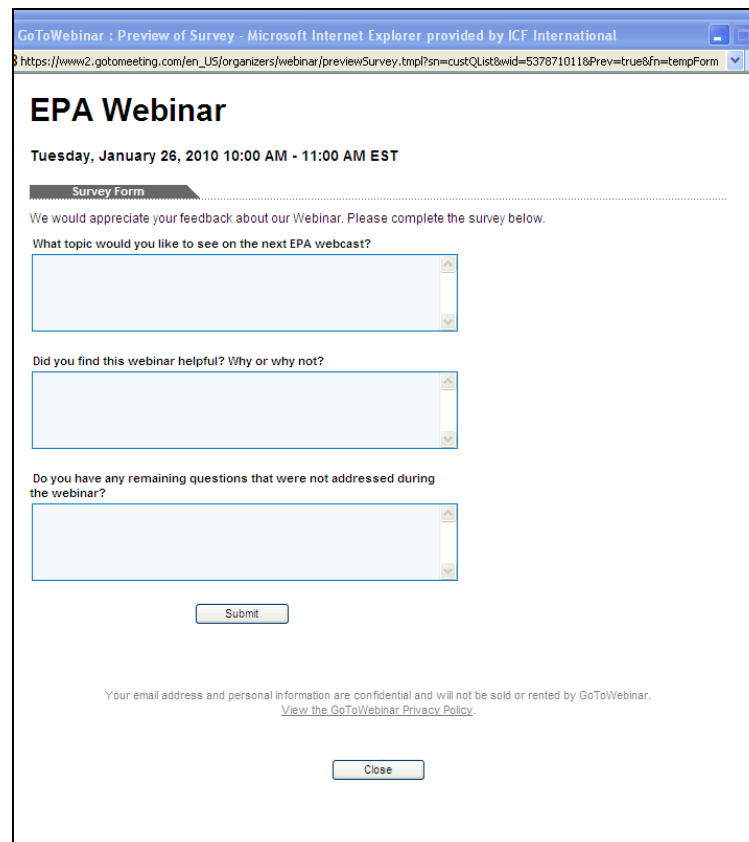
# Questions (GoTo Meeting)

- 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 you would like to answer your question.



# Optional Feedback (GoTo Meeting)

- A pop-up window will appear once you exit GoTo Meeting.
- Please take a few minutes to respond to the optional questions and provide your feedback.



The screenshot shows a web browser window titled "GoToWebinar : Preview of Survey - Microsoft Internet Explorer provided by ICF International". The address bar shows the URL: "https://www2.gotomeeting.com/en\_US/organizers/webinar/previewSurvey.tmpl?sn=custQList&wid=537871011&Prev=true&fn=tempForm". The main content area is titled "EPA Webinar" and "Tuesday, January 26, 2010 10:00 AM - 11:00 AM EST". Below this is a "Survey Form" section with the text: "We would appreciate your feedback about our Webinar. Please complete the survey below." The survey contains three questions, each with a text input field: "What topic would you like to see on the next EPA webcast?", "Did you find this webinar helpful? Why or why not?", and "Do you have any remaining questions that were not addressed during the webinar?". At the bottom of the form is a "Submit" button. Below the form, there is a privacy notice: "Your email address and personal information are confidential and will not be sold or rented by GoToWebinar. [View the GoToWebinar Privacy Policy.](#)" and a "Close" button.

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

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

- Reduce greenhouse gas emissions while achieving their 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: What We Offer



- **Informational Resources**

- Web site:

[www.epa.gov/statelocalclimate](http://www.epa.gov/statelocalclimate)

- Local Climate and Energy Strategy Guides:

[www.epa.gov/statelocalclimate/resources/strategy-guides.html](http://www.epa.gov/statelocalclimate/resources/strategy-guides.html)

- State and Local Climate and Energy Listserv:

[www.epa.gov/statelocalclimate/listservs](http://www.epa.gov/statelocalclimate/listservs)

- **Peer Exchanges**

- Webcasts and other trainings:

[www.epa.gov/statelocalclimate/web-podcasts/local-webcasts-by-date.html](http://www.epa.gov/statelocalclimate/web-podcasts/local-webcasts-by-date.html)

- **Climate Showcase Communities**

- Profiles, Updates, and multimedia

[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

**State and Local Climate and Energy Program**

Contact Us Share

**What's New**

- May 4 - Updated Energy CO2 Emissions by State now available
- April 21 - Files available: The Emissions & Generation Resource Integrated Database (eGRID)
- April 18 - Registration now open for Tech Forum on The Electric System and the Benefits of Clean Energy
- April 14 - EPA awards nearly \$9 million to new Climate Showcase Communities
- April 6 - Registration now open for Local Climate and Energy Webcast on Climate Showcase Communities
- March 2 - Files available: Clean Energy & Transmission Planning in the Eastern Interconnection

**Quick Finder**

State	Local
<ul style="list-style-type: none"><li>• Getting Started</li><li>• Technical Forum</li><li>• Partner Network</li><li>• Bioenergy Primer</li><li>• Clean Energy Jobs</li></ul>	<ul style="list-style-type: none"><li>• Getting Started</li><li>• Webcasts</li><li>• Resources</li><li>• Clean Energy Jobs</li><li>• Climate Showcase Communities</li><li>• Program</li></ul>
<ul style="list-style-type: none"><li>• GHG Inventories</li><li>• GHG Reporting</li><li>• Lead by Example Guide</li><li>• State &amp; Regional Climate</li><li>• Policy Tracking</li><li>• Resources</li></ul>	<ul style="list-style-type: none"><li>• GHG Inventories</li><li>• Local Strategy Guides</li><li>• Energy Efficiency in Municipal Operations</li><li>• Community Types</li></ul>

EPA's State and Local Climate and Energy Program provides technical assistance, analytical tools, and outreach support to state, local, and tribal governments. Specific assistance includes:

- 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**

The State Climate and Energy Program helps states develop policies and programs that can reduce greenhouse gas emissions, lower energy costs, improve air quality and public health, and help achieve economic development goals. EPA provides states with and advises them on proven, cost-effective best practices, peer exchange opportunities, and analytical tools.

More >

**State Examples**

Case studies, GHG inventories, Climate action plans

**Local Climate and Energy Program**

**Local Examples**

Case studies, GHG inventories, Climate action

**State Podcast**

- March 31, 2011  
The Emissions & Generation Resource Integrated Database (eGRID)

**Local Podcast**

- March 31, 2011  
The Emissions & Generation Resource Integrated Database (eGRID)

**EPA State Technical Forum**

The next Technical Forum has not been scheduled yet. Files from past forums are available.

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

# Local Government Climate and Energy Strategy Series



- Series provides a straightforward overview of GHG emissions reduction strategies that local governments can use to achieve economic, environmental, social, and human health benefits
- Each document focuses on one approach to reducing GHG emissions by providing 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

## Documents in this series include:

### Energy Efficiency

- ✓ **K-12 Schools**
- ✓ **Affordable Housing**
- ✓ **Local Government Operations**
- ✓ Energy-Efficient Product Procurement
- ✓ 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**

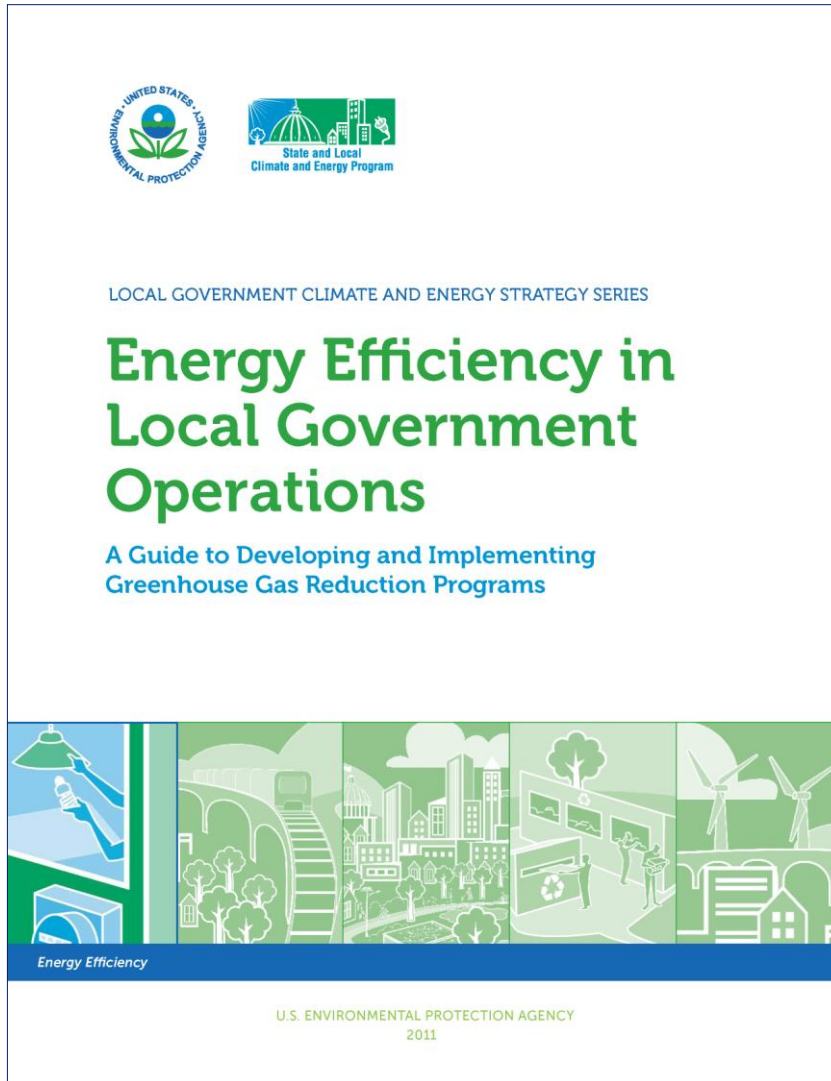
✓ **Draft**

— *In Development*

# Local Government Climate and Energy Strategy Series



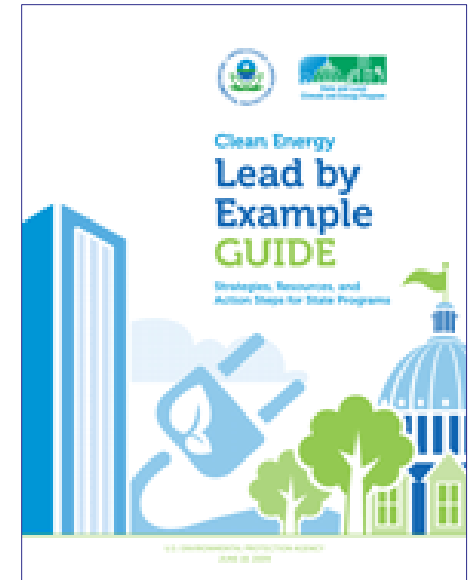
- Improving Energy Efficiency in Existing and New Facilities
- Energy Efficiency in Green Buildings
- Energy Efficiency in Other Local Government Operations
  
- Draft now available. Final version coming soon!



# Leading By Example Guide



- Helps locals develop comprehensive LBE programs
  - Key resource for getting started
  - Can be used “piecemeal” by locals with existing programs
  - Addresses buildings, facilities, and operations (not fleets)
- Contents:
  - LBE activities and measures
  - Establishing an LBE program framework
  - Screening LBE activities
  - Implementing an LBE program
  - Tracking, evaluating, and reporting
- Includes supporting appendices and many examples
- Documents key resources for more info



## On the Web:

<http://www.epa.gov/statelocalclimate/resources/example.html>

## Contact:

Niko Dietsch  
202-343-9299

[dietsch.nikolaas@epa.gov](mailto:dietsch.nikolaas@epa.gov)

# Contact Information

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- Andrea Denny
  - [denny.andrea@epa.gov](mailto:denny.andrea@epa.gov)
  - (202) 343-9268
  
- Neelam Patel
  - [patel.neelam-r@epa.gov](mailto:patel.neelam-r@epa.gov)
  - (202) 343-9384
  
- Emma Zinsmeister
  - [zinsmeister.emma@epa.gov](mailto:zinsmeister.emma@epa.gov)
  - (202) 343-9043