

Climate Smart Communities Webinar

Telephone call-in number

- 1-866-394-2346
- Code: 1982360347#
- No audio signal will be transmitted over the Internet



Welcome

Kim Farrow

Environmental Program Specialist

Office of Climate Change

New York State

Department of Environmental Conservation



Climate Smart Communities Webinar



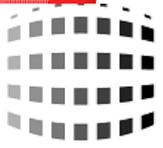
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Land-use, Transportation and Building-code Toolkit

- Simple, interactive online database
- New York State-specific
- Leading practices:
 - Local land use
 - Zoning
 - Transportation planning
 - Building codes





Edward J.
Bloustein
School
of Planning and
Public Policy

Database Development Webinar

Thursday, February 7, 2013

Veda Truesdale, Rutgers University

Stacy Perrine, PP/AICP, Rutgers University

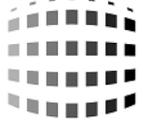
What we heard from Regional Coordinators:

- Communities want examples, including stories and case studies about consensus-driven planning endeavors.
- Communities want clear instructions.
- Communities are very concerned about protecting local character.
- Communities want to learn about cost-savings and innovative financing options.
- Many (but not all) communities wish to demonstrate leadership in sustainability.



What we heard (cont):

- Communities sometimes find themselves facing potentially conflicting priorities, e.g. historic preservation and green design.
- Communities want to know how to quantify the GHG emissions reductions that will come from land-use change.
- Some communities have faced challenges with fiscal issues relating to brownfields redevelopment.
- Communities want to know how to achieve sustainable within the confines of the existing road network and development pattern.



Compiling a set of leading practices

- Literature Review
- Targeted web search
- Drawn entirely from existing resources
- Deliberately moved away from use of the word “best” and chose to use “leading.”

Objectives

- Create a Toolkit that is:
 - User-friendly
 - Customizable
 - Scalable
 - Can remain a useful and relevant tool as program and resources expand in the future

Areas of Practice

- Infrastructure investment
- Building codes
- Land use planning
- Green infrastructure
- Housing policy (i.e., location)
- Transportation systems (including transit and freight)

Types of Practice

- Baselineing/data collection
- Goal setting/visioning
- Master planning
- Metrics
- Local ordinances
- Regional agreements

Examples

- Adopt Green Building Standards for Public Buildings
- Use Density and Height Bonuses to Incentivize Green Building
- Expedite Permitting of Green Buildings
- Provide Green Building Technical Assistance



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- Tool Overview
- Additional Resources

CLIMATE SMART COMMUNITY PROFILE

A public tool for New York town leaders and planners.

START HERE

Choose a town to get started

Happy Town

Go

SITE FEATURES:

- Demographic Information
- Custom report
- View on any device
- Visioning
- Housing
- Transportation



CLIMATE SMART COMMUNITIES
Our group strives to help people of all skill levels, including Municipal leaders and urban designers.



CONTACT INFO
Address: 123456 Street Name, New York NY
Phone: (800) 765-4321



STAY IN TOUCH
Find out what's happening.



HAPPY TOWN TOWN PROFILE AND OPTIONS

/// DEMOGRAPHICS

POPULATION

Total Population: 22,625
 Households: 8,593
 Percent of households with children under 18: 33.4%
 Median household income: \$107,052
 Households below the poverty line: 2.1%

INFRASTRUCTURE

Transit Village: Yes
 Bus service: 8 routes
 Highway access: Yes

PROJECTS

2003 Solar installation town hall
 2008 Traffic calming Pine Street
 2011 Bike lanes Patterson Street

/// WE WANT TO IMPROVE CHECK ALL THAT APPLY

SELECT	CATEGORY
<input checked="" type="checkbox"/>	ENERGY EFFICIENT BUILDINGS MORE INFO
<input type="checkbox"/>	GREEN INFRASTRUCTURE MORE INFO
<input type="checkbox"/>	HOUSING MORE INFO
<input type="checkbox"/>	TRANSPORTATION POLICY MORE INFO
<input checked="" type="checkbox"/>	LAND USE MORE INFO
<input type="checkbox"/>	INFRASTRUCTURE INVESTMENT MORE INFO

Submit Query!

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///CLIMATE SMART COMMUNITY COMMUNITY PROFILE



HAPPY TOWN OPTIONS AVAILABLE IN YOUR AREA

/// ORDINANCES

ADD TO MY REPORT	CATEGORY
<input checked="" type="checkbox"/>	SOLAR ORDINANCE Solar easements seek to create adequate protections for property owners who install solar energy systems while not creating hardships for adjacent property owners. Currently, the Land Use Ordinance does not address solar energy panels or systems directly. The few applications that have been submitted to the County for solar panels have been treated as uses customarily accessory to primary uses, such as a single family dwelling or an agricultural operation. All setback and height restrictions in each zoning district would apply to a solar panel/system application. Commercial/utility scale systems are not permitted.
<input checked="" type="checkbox"/>	WIND ORDINANCE Wind easements seek to create adequate protections for property owners who install solar energy systems while not creating hardships for adjacent property owners.

/// GOAL SETTING

ADD TO MY REPORT	CATEGORY
<input checked="" type="checkbox"/>	SET A GOAL TO INCREASE VEGETATIVE COVER Green City increased vegetative cover X% by encouraging homeowners to convert their roofs to green roofs. This case study examines the process they undertook.

Get Report



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/// CLIMATE SMART COMMUNITY COMMUNITY PROFILE

HAPPY TOWN REPORT

/// ORDINANCES

SOLAR ORDINANCE

Solar easements seek to create adequate protections for property owners who install solar energy systems while not creating hardships for adjacent property owners.

Currently, the Land Use Ordinance does not address solar energy panels or systems directly. The few applications that have been submitted to the County for solar panels have been treated as uses customarily accessory to primary uses, such as a single family dwelling or an agricultural operation. All setback and height restrictions in each zoning district would apply to a solar panel/system application. Commercial/utility scale systems are not permitted.

Contact:
Solar contact
555-555-5555

/// GOAL SETTING

SET A GOAL TO INCREASE VEGETATIVE COVER

Green City increased vegetative cover X% by encouraging homeowners to convert their roofs to green roofs. This case study examines the process they undertook.

Contact:
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555-555-5555



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Examples

- Adopt Green Building Standards for Public Buildings
- Use Density and Height Bonuses to Incentivize Green Building
- Expedite Permitting of Green Buildings
- Provide Green Building Technical Assistance

Sample Report

Adopt Green Building Standards for Public Buildings

Where does this work? All communities, ranging from rural to urban can adopt green building standards for public buildings.

Cost: Low

Cost Benefit: Varies depending on implementation.

Time to implement: Short

Time to Realize Benefits: Long-term

Co-benefits: Increased productivity of building occupants due to healthier work places. Lower energy costs.

Does it require professional assistance? No.

Is it required by statute? No

Does it have a direct or indirect impact on GHG emissions? Indirect

What does this mean?

Adopting green building standards for public buildings means formally adopting an ordinance requiring that all publicly funded buildings meet a certain standard of green building. This can mean incorporating sustainable building practices into design, construction, renovation, and operation of all public and publicly-funded facilities and projects. Sustainable building features include energy efficiency measures, use of low VOC materials, use of local materials, natural daylighting, and careful construction planning including protection of trees. Consider using LEED or Energy Star rating systems as design and measurement tools.

Supporting Resources:

Samples:

Syracuse, NY

http://www.syracuse.ny.us/uploadedFiles/Departments/Planning_and_Sustainability/Content/Green20Ordinance.pdf

Cranford, NJ

http://www.state.nj.us/dep/opsc/docs/cranford_green_ordinance.pdf

Atlanta, GA

<http://www.atlantaga.gov/modules/showdocument.aspx?documentid=547>

East Aurora, NY

Next Steps

- Build the database on the website.
- Import all the data we have into the database.
- Beta-test with this group.
- Additional outreach.

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