



Climate Smart Communities Overview

Village of Hastings-on-Hudson, New York

January 17, 2020

What is Climate Smart Communities (CSC)?

- ❖ A NY State-wide program that helps local governments take action to reduce greenhouse gas emissions and adapt to a changing climate
- ❖ **Registered** communities make a commitment to act by passing the CSC pledge
- ❖ **Certified** communities are the foremost leaders in the state; they go beyond the CSC pledge by completing and documenting a suite of actions (Pledge Elements) that mitigate and adapt to climate change at the local level

Why Become a CSC Certified Community?

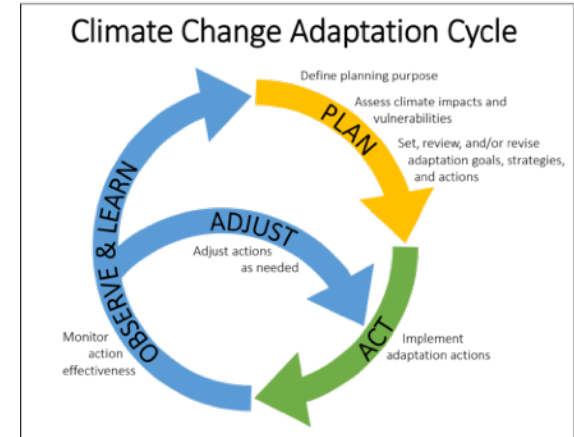
- ❖ Opportunity to apply for grants only available for CSC certified communities
- ❖ Save taxpayer dollars (more funding available for higher certification levels)
- ❖ Advance community goals for health and safety and quality of life
- ❖ Promote Village economic vitality and energy independence
- ❖ Free guidance and technical assistance
- ❖ Potential to receive rebates for electric vehicles



What Does a CSC Community Look Like?

Characteristics of a well-adapted community

- ❖ Comprehensive climate-change-informed planning process
- ❖ Mainstreaming climate considerations into existing decision making process
- ❖ GHG reduction policies
- ❖ Neighborhood-scale capacity-building efforts
- ❖ Creative use of existing regulatory powers
- ❖ Systematic monitoring and evaluation process



The 10 Required CSC Pledge Element Categories

1. Build a Climate Smart Community
2. Inventory emissions, set goals and plan for climate action
3. Decrease energy use
4. Shift to clean renewable energy
5. Use climate-smart materials management
6. Implement climate-smart land use
7. Enhance community resilience to climate change
8. Support a green innovation economy
9. Inform and educate the public
10. Engage in an evolving process of climate action
11. Innovation
12. Performance

ICLEI* Tools to Facilitate CSC Certification

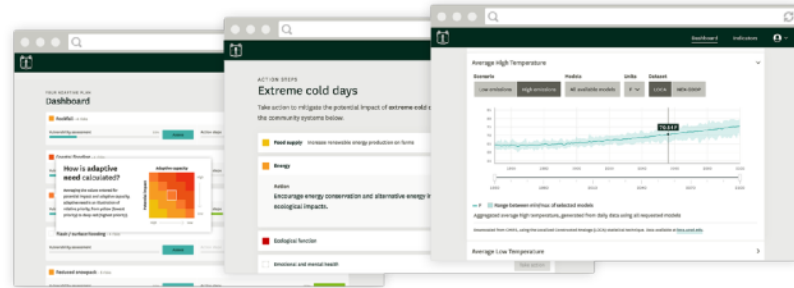


Home	About CSCC	Factor Sets	Inventories	Forecasts	Planning	Monitoring	
Name		Grouping	Target (Cumulative responsibility)	Start	Flexibility Factor	Flexibility Grand	Units
1	Fire Station #2	1-100		2010	0.0000 (1.5)	250000	QWH
2	City Hall	1-100		2010	0.0000 (1.5)	1000000	QWH
3	Grass County Pool	1-100		2010	0.0000 (1.5)	750000	QWH
4	Public Data Hub						
Update Records							

Greenhouse Gas Inventory Tool



Vulnerability Assessment Tool



**International Council for Local Environmental Initiatives*

CSC Hastings-on-Hudson Certification Timeline

- ❖ June 3rd, 2010: Hastings becomes one of the first villages or towns to pledge to become a Climate Smart Community
- ❖ September 3rd, 2019: Resolution passed for formation of the Hastings CSC Task Force
- ❖ January 10th, 2020: Application submitted for Bronze Certification
- ❖ July 3rd, 2020: Planned application submission for Silver Certification



Bronze Certification

Certification Criteria





	Bronze	Silver
Mandatory Actions	2	2
Priority Actions	3	6
Points	120	300
Pledge Elements	4	7


HoH Bronze Submission (Pending Review)


Action Totals

(Completed, Approved)

Mandatory  2/2

Priority  5/12

Total Points  249/882

Pledge Elements  10/12

Total Actions  43/101

- Mandatory
 - Establish a CSC Task Force
 - Appoint a CSC Coordinator
- Priority Actions
 - [Community GHG Inventory](#)
 - [Government Building Energy Audits](#)
 - [Alternative-fuel Infrastructure](#)
 - [Complete Streets Policy](#)
 - [Green Building Standard for Government Buildings](#)

**All action documentation is available for public viewing after an action is approved.*

Complete List Bronze Initiatives

<u>CSC Task Force</u>
<u>Comprehensive Plan with Sustainability Elements*</u>
<u>Community Choice Aggregation</u>
<u>Community GHG Inventory*</u>
<u>Government Building Energy Audits*</u>
<u>Climate Smart Community Coordinator</u>
<u>LED Streetlights</u>
<u>Residential Organic Waste Program*</u>
<u>Develop a Local Forestry or Tree Planting Project or Program</u>
<u>Preserve Natural Areas Through Zoning or Other Regulations</u>
<u>Incorporate Smart Growth Principles into Land-use Policies and Regulations</u>

<u>Brownfield Clean-up & Redevelopment</u>
<u>Alternative-fuel Infrastructure</u>
<u>Green Building Standard for Government Buildings</u>
<u>Unified Solar Permit</u>
<u>Solarize, Clean Heating & Cooling, or Solar for All Campaign</u>
<u>CSC Resolution</u>
<u>Energy Benchmarking for Government Buildings</u>
<u>Environmentally Preferable Purchasing Policy</u>
<u>Fleet Inventory</u>
<u>Renewable Energy Feasibility Studies</u>
<u>Complete Streets Policy</u>

* One of the actions garnering the most points

Bronze Initiatives, cont.

<u>Conservation of Natural Habitats*</u>
<u>National/Regional Climate Program</u>
<u>Partnerships with Other Entities</u>
<u>LED Traffic Signals</u>
<u>Recycling Bins in Government Buildings</u>
<u>Recycling Program for Public Places & Events</u>
<u>Organic Waste Program for Government Buildings</u>
<u>Planning & Infrastructure for Bicycling & Walking</u>
<u>Safe Route To School Program</u>
<u>Hazard Mitigation Plan Updates</u>
<u>Farmers' Markets</u>

<u>Climate-related Public Events</u>
<u>Social Media</u>
<u>New Innovative Actions</u>
<u>Construction & Demolition Waste Policy</u>
<u>Waste Reduction Education Campaign</u>
<u>Compost Bins for Residents</u>
<u>Buy Local/Buy Green Campaign</u>
<u>WasteWise Program</u>
<u>Adopt and Enforce an Anti-Idling Ordinance</u>
<u>Restoration of Floodplains & Riparian Buffers</u>

Completed 43 Actions for a Total of 249 Points

Bronze Actions Garnering the Most Points

- 1. Government Building Energy Audit (16 points)**
- 2. Alternative Fuel Infrastructure (6 points)**
- 3. Fleet Inventory (4 points)**
- 4. Safe Routes to School Program (3 points)**
- 5. LED Traffic Signals (3 points)**



Silver Certification

Silver Submission Draft Plan (17 Actions)

Government Operations GHG Inventory*
Green Building Standard for Gov Buildings
Energy Code Enforcement Training
Interior Lighting Upgrades
Advanced Vehicles
<i>HVAC Upgrades</i>
<i>Government Solid Waste Audit</i>
Resource Recovery Center
Planning & Infrastructure for Bicycling & Walking
Natural Resources Inventory*
Shade Structures Policy
Green Procurement Policy

*Priority Items

Heat Emergency Plan
Climate Vulnerability Assessment*
Green Vendor Fairs
Local Climate Action Website
Energy Reduction Campaign
Climate Change Education & Engagement*
New Innovative Actions
Innovative Approaches to Existing CSC Actions
Adopt an Anti-Idling Ordinance
Adopt the New York Stretch Energy Code
Adopt the Open C-Pace law

Total: 100-138 points