

# 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

## E-Mail Addresses



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# Coming Events

- May 7-22. *Low-income Forum on Energy* :Regional Meetings. Information and registration: <http://www.nyserda.ny.gov/Events.aspx>
- May 16 - *Genesee/Finger Lakes Local Government Workshop*. Pittsford. Information: <http://www.gflrpc.org/Spring2013.htm>.
- May 22, 12:30 p.m. – 4:30 p.m. *Mid-Hudson Climate Smart Communities Workshop*. Norrie Point Environmental Center, Staatsburg. Information and reservations: <http://www.gflrpc.org/Spring2013.htm>.

## Climate Smart Community Webinars

- June 13, 10:30 a.m. *Beta Testing the Land-use, Transportation and Building Code Toolkit*.
- TBD. *FEMA's Community Rating System*.

*Do you have ideas for the 2013/14 Climate Smart Communities webinar season?  
Send them to Kim Farrow, [kxfarrow@gw.dec.state.ny.us](mailto:kxfarrow@gw.dec.state.ny.us) .*



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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# NYS Policy and Recommendations for Organics Management

May 9, 2013

Climate Smart Communities Webinar Series

Gary Feinland

# Beyond Waste: A Sustainable Materials Management Strategy

- New York State's Materials Management Plan
- Reduce, Reuse, Recycle, Combustion, Landfill
- Emphasis on reducing GHG emissions

For Beyond Waste Report go to <http://www.dec.ny.gov/chemical/41831.html>



# Waste Diversion Goals and GHG

Year	Pounds/ Person/Day	GHG Reductions (million MTCO2E)
2010	4.1	12.8
2012	3.8	14.3
2014	3.4	17.1
2016	2.9	20.5
2018	3.4	24.7
2020	1.7	29.1
2025	1.1	31.8
2030	0.6	34.6

Source: Beyond Waste, Table 4.2



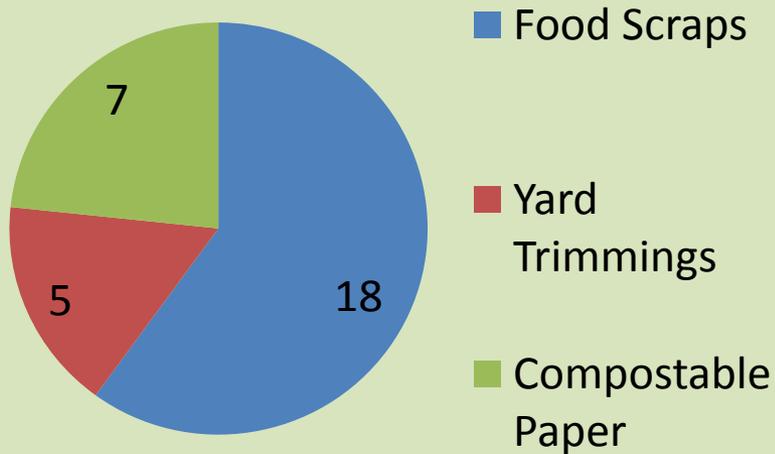
# Organics in the Waste Stream

- Approximately 30% of New York State's waste stream is organics.



# Organics Generated vs Disposed

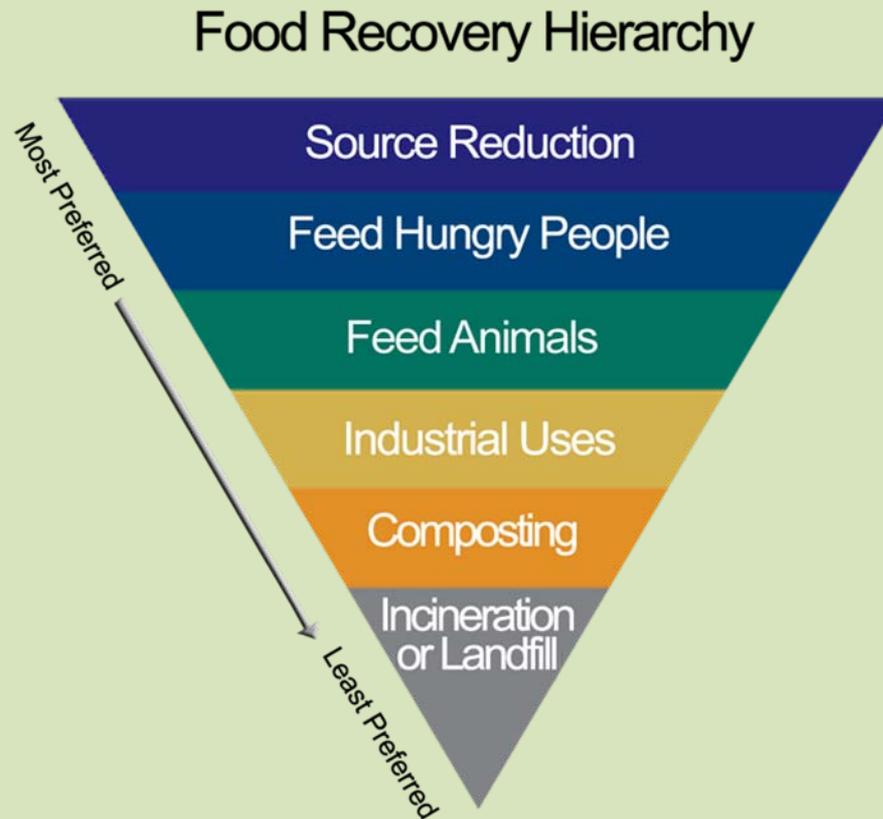
## Percent MSW Organics Generated



## Percent MSW Organics Disposed



# Food Recovery Hierarchy



Source: USEPA, <http://www.epa.gov/smm/foodrecovery>



# Source Reduction

- Home Composting



- New Home Composting  
Poster Available

<http://www.dec.ny.gov/chemical/8799.html>



# Food Donation

- NYSDEC plans to work more closely with the Food Bank Network to divert unserved perishable food
- Rock and Wrap it Up!



# Animal Feed

- NYSDEC plans to form a team to develop guidance for animal feeding .



# Recycling Food Scraps and Other Organics

- Most yard trimmings are composted in NYS facilities
- Less than 1% of food scraps are recycled  
not including in-sink disposers



# NYS Food Scraps Composting Capacity

- Over 3 million tons generated/year
- Currently compost about 20,000 tons/year
- Capacity of about 30,000 - 40,000 tons/year
- Less than 1 % is composted



# Recycling Food Scraps and Other Organics

- FORNYNJ YahooGroup
- <http://groups.yahoo.com/group/FORNJNY/>



# Anaerobic Digestion Facilities

- Not many accept food scraps, but some are looking into it or currently adding equipment.
- More are taking food processing waste (industrial)
- WWTPs are a possibility if not at capacity



# Proposed NYSDEC Organics Recycling Regulations

- Create exemption for small scale food scraps composting – up to 1000 pounds/week
- Expand registered limit of food scraps composting from 1000 cy/year to 5000.
- Allow alternatives to required 200 ft buffer for registered facilities based on management techniques.



# Legislation

- We are following progress of other states including Connecticut, Vermont and Massachusetts...



# Thank You!

Gary Feinland

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# **Establishing an Organics Diversion Program**



***A Public-Private Partnership in  
Tompkins County***

# Tompkins County

## Population

- Total County
  - 101,723
- No. of Households
  - 41,674
- Square miles
  - 491



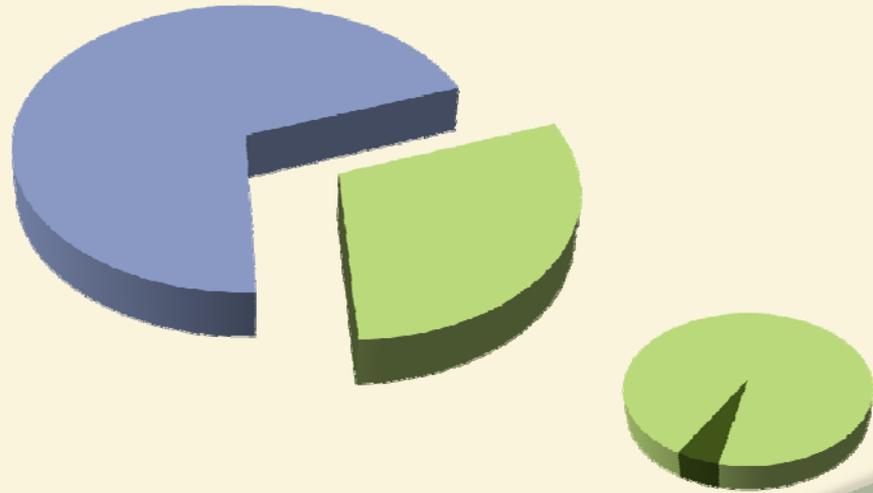
# Mission & Goals

## ***Mission:***

To manage waste in a manner that is environmentally sound, cost-effective, socially responsible, and safe.

## ***Goals:***

- Currently at 60% waste diversion
- 75% waste diversion by 2016
- 85% waste diversion by 2030



# Partnerships for Waste Diversion

- **ReCommunity - Recycling and Solid Waste Center**
- **Cayuga Compost – Organics Management**
- **Cooperative Extension – Compost Education & Master Composters**
- *Casella - Residential Curbside Recycling*
- *Clean Harbors - Household Hazardous Waste Depot*
- *Finger Lakes ReUse – ReUse Center & Deconstruction*
- *Ithaca Youth Bureau - Computer All Stars*
- *Sciencenter - Reinvention Station*

# ReBusiness Partners Program



## Participants receive:

- Waste assessment
- Report of recommendations
- Supplies (bins, decals)
- Ongoing technical support
- Compost service subsidy—50% of costs

# Partnership with Cayuga Compost



**Collects material  
from businesses,  
schools,  
apartment  
complexes,  
events, and more**

*Feedstock includes  
yard waste,  
manure, food  
scraps, and paper*

*Produces and sells  
topsoil, mulch, and  
compost blends*

*Material is  
composted in  
windrows*



751 SCHAEFER

Cayuga/Compost

# Partnership with Cayuga Compost



*Collects material from businesses, schools, apartment complexes, events, and more*



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*Material is composted in windrows*



*Produces and sells topsoil, mulch, and compost blends*



D.P. Do  
LE/DP

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**windrows**



*Produces and sells topsoil, mulch, and compost blends*





# Partnership with Cayuga Compost



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*Material is composted in windrows*



**Produces and sells topsoil, mulch, and compost blends**



# Opportunities and Challenges

## *Opportunities*

- **Increase waste diversion** by **15%** by **2016** through increased composting
- Expand **business sector** options
- Add **residential** and expand **apartment & mobile home** collection
- Include food **waste prevention**

## *Challenges*

- Facility permit modification to expand Cayuga Compost
- Funding additional equipment
- Multi-year contract
- Marketing finished product
- Funding for pilot residential collection

# Questions?

**Tompkins County Solid Waste  
Management Division**

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***[www.recycletompkins.org](http://www.recycletompkins.org)***