



**Climate Smart
Communities**

Climate Smart Communities Grants for Food Waste Reduction

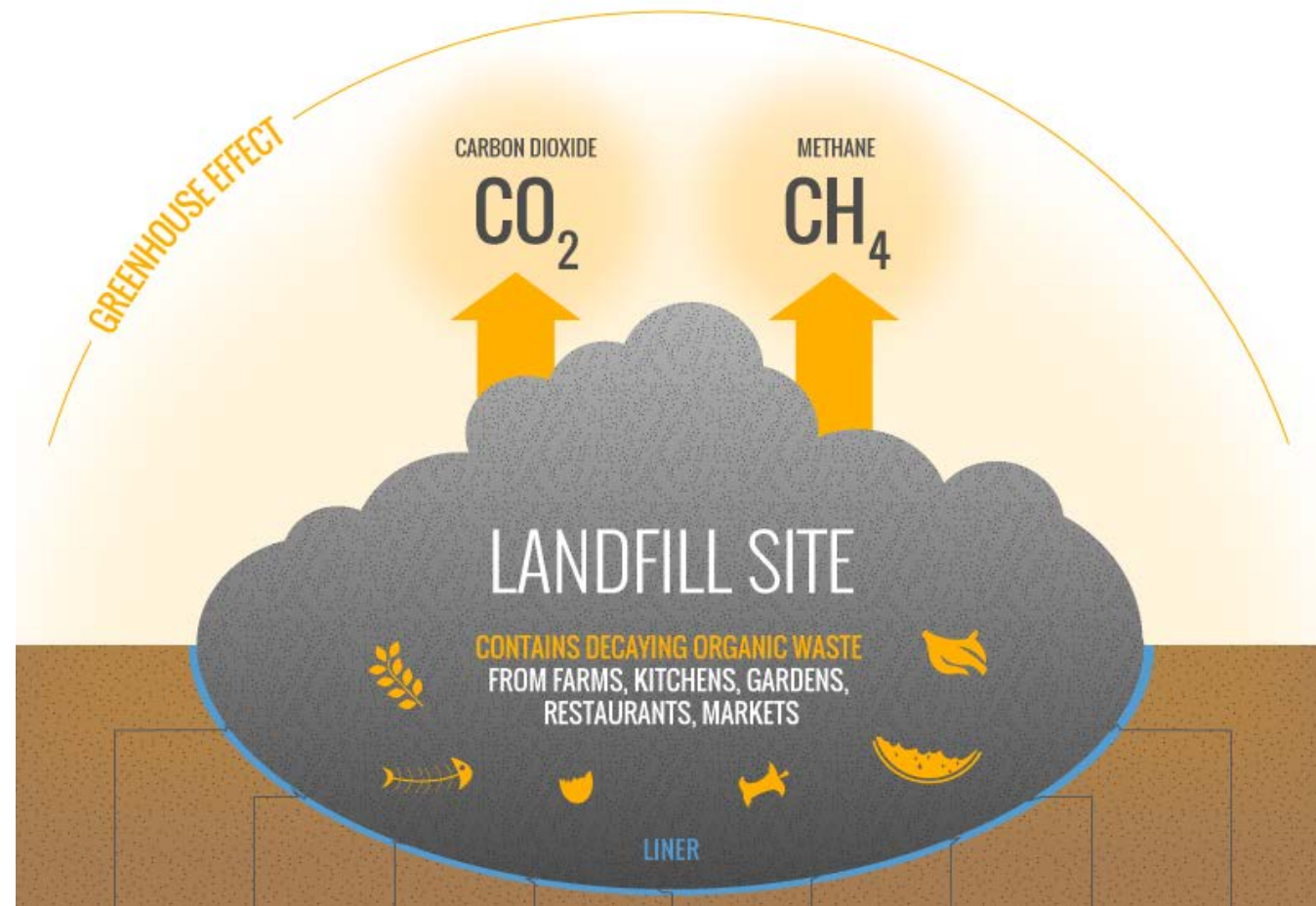
Part of the Environmental Protection Fund

**Office of Climate Change
NYS Department of Environmental Conservation
March 2017**

Food Waste and Greenhouse Gas (GHG)

In New York –

- Methane from landfills accounts for 11.63 million metric tons of CO₂ equivalent, or 5% of the total 2014 GHG inventory.
- 275,000 tons of wasted food generated annually from 1,200 large generators.
- If that food waste were diverted from landfills, it would be the GHG equivalent of removing >25,000 passenger vehicles from the road.



Climate Smart Communities (CSC) Grants

- **50/50 matching grants** to conduct climate adaptation and mitigation projects.
- **Municipalities** (Counties, Cities, Towns, Villages) are eligible.
- Other partners may participate as part of a **partnership project** with a designated, eligible lead applicant.

New York State
Climate Smart Communities



**Climate Smart Communities
Certification Manual Version 2.0**








Climate Smart Communities is a program of the New York State departments of Environmental Conservation, Health, State and Transportation; State Public Service Commission; and State Energy Research and Development Authority.

September 2014



**Climate Smart
Communities**

Funding in 2016

- In 2016, \$11 million for two major project categories:
 - \$10.5 million for ***Climate Implementation Projects***
 - \$500,000 for ***Climate Smart Communities Certification Projects***



2016 continued...

\$10.5 million awarded for:

- Construction of natural resiliency measures
- Relocation/retrofit of climate-vulnerable facilities
- Conservation/restoration of riparian areas & tidal marsh migration areas
- Reduction of flood risk
- Clean transportation
- **Reduction or recycling of food waste** - *Reducing greenhouse gas emissions by decreasing food waste and increasing the volume of food scraps diverted to local composting or anaerobic digester facilities.*
- **Grant size** - \$100,000 to \$2,000,000

2016 continued...

Food Waste Funding Awards

- **Erie County** - \$694,390 - Construction of Erie County Correctional Facility Food Waste Composting Site
- **Tompkins County** - \$355,000 - Tompkins County Food Waste Transfer Station Construction
- **Oneida County** - \$1,327,500 - Construction of Upgrades for Organics Processing
- **City of Oneonta** - \$420,000 - Otsego County Regional Compost Facility
- **Orange County** - \$510,985 - Yard Waste Composting Facility Expansion
- **Ulster County** - \$261,000 - Expansion of Ulster County Municipal Composting Facility
- **City of Cortland** - \$152,450 - Construction and Pilot Operation Vermicomposting Facility

Proposed Food Waste Diversion

- **Four awards** expand or upgrade county or regional composting facilities to accept food waste – approximately **25,000 tons** combined over 2-year grant term
- **Oneida County** - upgrades to accommodate food waste at the County Sewer District's Water Pollution Control Plant – **20,000 tons annually**
- **Erie County** - partnership w/ County Corrections and PUSH Buffalo to develop job training for inmates in support of on-site horticultural program – **200 tons annually**
- **Cortland** – pilot vermicomposting project that diverts supermarket and SUNY cafeteria waste – **72 tons during pilot**

CSC Grants – Moving Forward

Goals

- Fill gaps in existing requirements and funding programs
- Support work beginning with local planning and assessment (creating good implementation proposals)
- Advance 2017 State of the State food waste and methane priorities



In 2017 - \$??? for implementation:

Will likely include

- **Reduction of food waste** – *implementation of projects or programs to increase food donation, and increase food scraps recycling at WWTP, for the purpose of diverting food waste from landfills where it will produce methane.*
- **Enhanced landfill gas capture** – *implementation of projects to reduce methane leakage at landfills including installation of new methane capture systems and installation of leak detection equipment and programs.*
- **Grant size** - \$10,000 to \$2,000,000

In 2017 - \$??? for certification:

Will include **Climate Smart Organic Waste Management Strategies** *like*

- Develop and adopt a waste management strategy for government hosted and permitted events (3.19).
- Develop a plan to provide organic waste collection and composting in local government buildings (3.21).
- Conduct a local government waste audit and track diversion rate over time (3.23).
- Develop a plan to set up and manage a resource recovery center (5.6).
- Develop a strategy for food waste reduction and recycling in commercial entities (5.8).
- Develop a plan to provide compost bins to residents (for sale or free) (5.10).
- Plan for and create an organics or yard waste collection program (5.11).
- **Grant size** - \$10,000 to \$100,000



My questions for you...

- Aspects of the CSC grants that work/don't work for municipalities?
 - *We are working on program regulations now.*
- Additional certification actions to address organics and/or food waste management?
 - *It's a living document that is periodically revised.*



...your questions for me?

 **EPA** Act On Climate

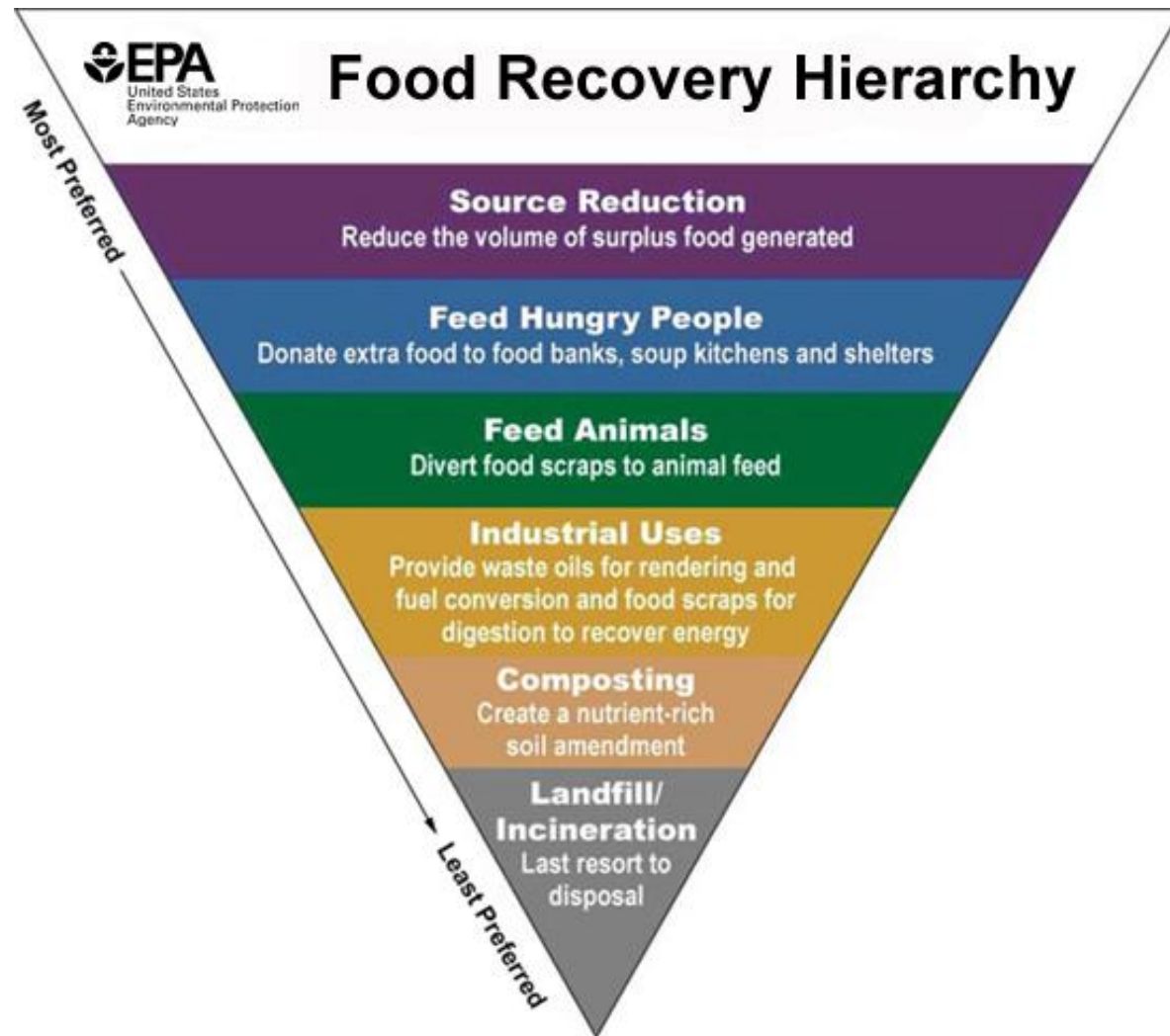


Reduce food waste

13 percent of carbon pollution emissions in the United States are associated with growing, manufacturing, transporting, and disposing of food. By reducing the amount of food we waste, we can reduce carbon pollution.

#actonclimate

www.epa.gov



Thank You

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