

Food Donation and Food Scraps Recycling Law: Stakeholder Meeting

NYSP2I Services and Resources

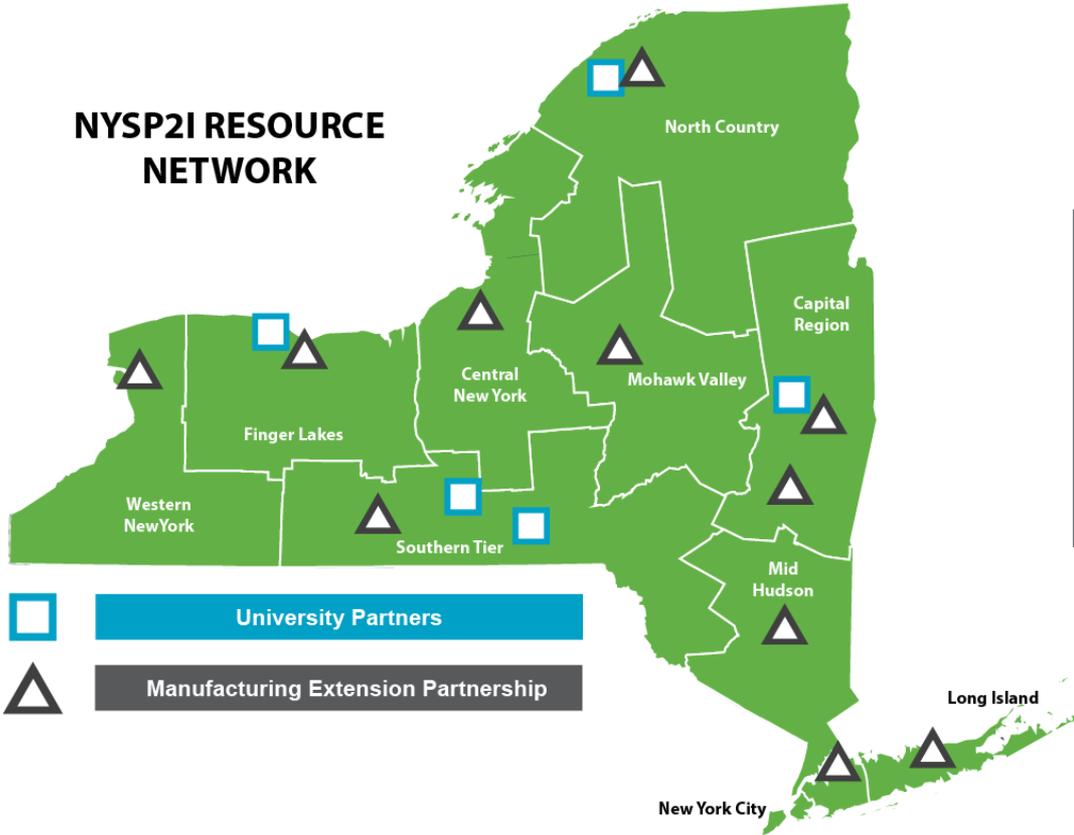
September 16, 2020



NYS Pollution Prevention Institute

- Headquarters at RIT
- Established in 2008
- \$3.9M in annual NYS funding administered through the NYS Department of Environmental Conservation
- Focus areas include:
 - Sustainable Manufacturing Assessments
 - Supply Chain Sustainability
 - Technology Commercialization
 - Food Waste Diversion
 - Emerging Contaminants
 - Outreach & Education
 - Research & Development

NYSP21 RESOURCE NETWORK



Department of
Environmental
Conservation



NEW YORK
Manufacturing
Extension Partnership

Assistance for NYS Companies, Municipalities & Non-Profits

- **Must be NY-based**
- **Typical project cost range is \$15K - \$50K**
- **NYSP2I funding offsets most of the project cost to the organization**
 - Expenses are non-capital expenses
 - RIT's engineering, technical and project management services
- **Post-project reporting**
- **Typical project takes about 2 - 6 months**



Case Study- Restaurant Food Waste Diversion Pilot

■ Challenge

- Expand food waste management efforts at Outback restaurants

■ Solution

- Conducted food waste diversion trial
- Created improvement plan
- Developed a diversion program for future store locations

■ Results

- Pilot store ready to scale up efforts
- Other locations can leverage tools developed to replicate



Case Study – Municipal Composting Pilot



■ Challenge

- The Village of Clifton Springs wanted to reduce the amount of food waste going to landfill in their community through composting

■ Solution

- Developed an implementation plan for incorporating food waste into the sludge composting operation and collaborated with Cornell Waste Management Institute to support the Clifton Springs Wastewater Treatment Plant through a composting trial

■ Results

- Clifton Springs has begun diverting approximately 2,000 lbs. of food waste from landfill each month from just three local businesses and has a clear plan forward to expand their composting program

Case Study – De-packager Analysis

■ Challenge

- Natural Upcycling wanted to compare their current de-packaging equipment to the Scott Equipment Turbo Separator Model T-30

■ Solution

- Performed a comparative analysis and provided guidance to enable a more informed purchasing decision regarding de-packaging equipment

■ Results

- The Scott Turbo Separator Model T-30 was able to process larger sized containers and additional materials as compared to Natural Upcycling's current equipment, at a rate between 1.8 - 3 X faster.

NYSP21 – Online Resources

Resources | New York State Pollution Prevention Institute

https://www.rit.edu/affiliate/nysp21/resources

Funding News & Events Contact Us

About Our Work Services Training **Resources**

Resources

Industries Categories Types Sort Search

Since its creation, the New York State Pollution Prevention Institute (NYSP21) in collaboration with the New York State Department of Environmental Conservation and our partners, has established a library of ready-to-use, turnkey resources that include case studies, eBooks, interactive tools, presentations, and videos.

- Food Waste** (Selected)
- Air Quality
- Chemical Use
- Childcare
- Education
- Energy Use
- Garment Cleaning
- Greenhouse Gas Emissions
- Life Cycle Assessment
- Material Reuse
- Metal Finishing

Food Waste Estimator (Interactive Tool)

Food Waste Tracking Tool (Interactive Tool)

Organic Resource Locator

Organic Resource Locator © 2019 Rochester Institute of Technology

Legend

- CAFO
- Hospitality
- Food Processors
- Restaurants
- Institutions
- Retail
- Anaerobic Digesters
- BUD
- Compost Sites
- Food Banks
- Grease Trap Waste

Resource Locator

[Add your company to the Organic Resource Locator Questions or Comments?](#)

Follow steps below to find the data you're looking for. Don't forget you can download search-specific data after performing a search, or you can download full datasets [here](#).

1. Choose Layer:

- CAFO
- Hospitality
- Food Processors
- Restaurants
- Institutions
- Retail
- Anaerobic Digesters
- BUD
- Compost Sites
- Food Banks
- Grease Trap Waste

2. Choose a Radius and Location:

5 miles

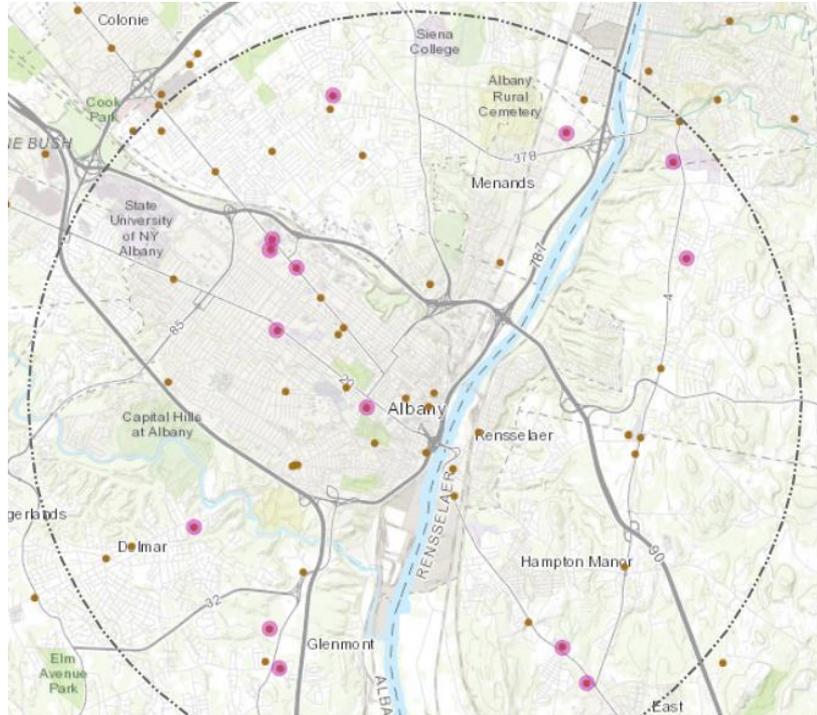
Choose Location From Map

Or Enter an Address

Query results will be highlighted on the map

Available at nysp2i.rit.edu/resources

Organic Resource Locator



Available at nysp2i.rit.edu/resources

1. Choose Layer:

- Retail
 - big box
 - convenience stores
 - supermarkets

2. Choose a Radius and Location:

5 miles



Choose Location From Map

Albany, NY, USA

Clear Map

3. Filter Businesses by Estimated Food Waste:

Greater than or equal to 2 tons per week



*Filter will only apply to businesses with food waste estimates

Run Search

4. Download Search Results:

Download Results

Food Waste Essentials E-book

Understanding
Sources

Managing
Food Waste

Prevention
Opportunities

Donation Best
Practices

Recycling
Basics

Available at nysp2i.rit.edu/resources



Food Waste Reduction & Diversion Reimbursement Program

- Grant for projects that divert food waste from landfill or incineration
- Eligible applicants include NYS businesses, municipalities and non-profits that generate, recycle or haul >1 ton/week of food waste
- Eligible projects must divert food waste from landfills or incinerators
- \$4M awarded, \$2.8M remaining
- Funding available until May 2021 or until funds run out
- Reimbursement up to 44% of eligible equipment expenses, in most cases not to exceed \$100K

Process

1. Apply to the program
2. Enter into contract
3. Purchase equipment/implement project to divert food waste
4. Document food waste diverted and purchase made
5. Receive a reimbursement



<https://www.rit.edu/affiliate/nysp2i/collaborations>

Upcoming Work: NYS Wasted Food Resources and Action Network

Network
Building

Collaborations

Workshops

Demonstrations
and Tours

Interested? Email nysp2i@rit.edu to learn more

Thank You

Rochester Institute of Technology

111 Lomb Memorial Drive, Bldg. 78-2000
Rochester, NY 14623

Phone: (585) 475-2512

Email: nysp2i@rit.edu

Web: www.rit.edu/affiliate/nysp2i



RIT



Cornell CALS
College of Agriculture and Life Sciences



Rensselaer

Funding provided by the Environmental Protection Fund as administered by the NYS Department of Environmental Conservation. ©2020 Rochester Institute of Technology. Any opinions, findings, conclusions, or recommendations expressed are those of Rochester Institute of Technology and its NYS Pollution Prevention Institute and do not necessarily reflect the views of New York State.

Questions?

FoodScrapsLaw@dec.ny.gov