



NYSP2I

Financial Incentives

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P2 Engineer
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NYS Pollution Prevention Institute



- Established in 2008 “**NYSP2I**”
- HQ at RIT
- **\$4M** in annual NYS funding
- Focus on reduction of natural resource consumption (water, raw material, energy) and elimination of waste and toxics
- P2 research, technical assistance, education and outreach
- **15+** full-time staff

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Department of
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National Institute of Standards and Technology

NYSP2I Financial Incentives



**Business
Assistance**

Capital Funding

**Community Grants
Program**

NYSP2I Financial Incentives



**Business
Assistance**

Projects

Brief Assistance

Areas of Technical Expertise



Technical Expertise	Assistance Example
Food waste reduction and pathway utilization	<ul style="list-style-type: none"> • Assess restaurant operations to understand food waste sources • Assist in source separation system set-up
Reducing environmental “footprint” of process or facility	<ul style="list-style-type: none"> • Assess processes at food manufacturer • Evaluate and recommend water reuse options
Technology assessments, validation and effectiveness studies	<ul style="list-style-type: none"> • Evaluate energy use of on-site pre-treatment technology vs. a baseline
Supply chain sustainability assessments, strategy, and implementation	<ul style="list-style-type: none"> • Assist a food bank in understanding material flows within facility • Recommend options for sustainable use of non-useable items



Projects



- Must be **NY-based** company
- **Technical assistance** provided from an interdisciplinary team
 - engineers
 - environmental scientists
- Typical project cost ranges **\$15-\$50K**
- P2 funding offsets **90%** of project cost
- **3** years of post-project reporting
- **Non-capital** expenses only
- Typical project takes about **2-4** months



Case Study



Client : Foodlink

- Regional food hub
- Feeding America food bank
- 19M lb. distributed annually

Challenge

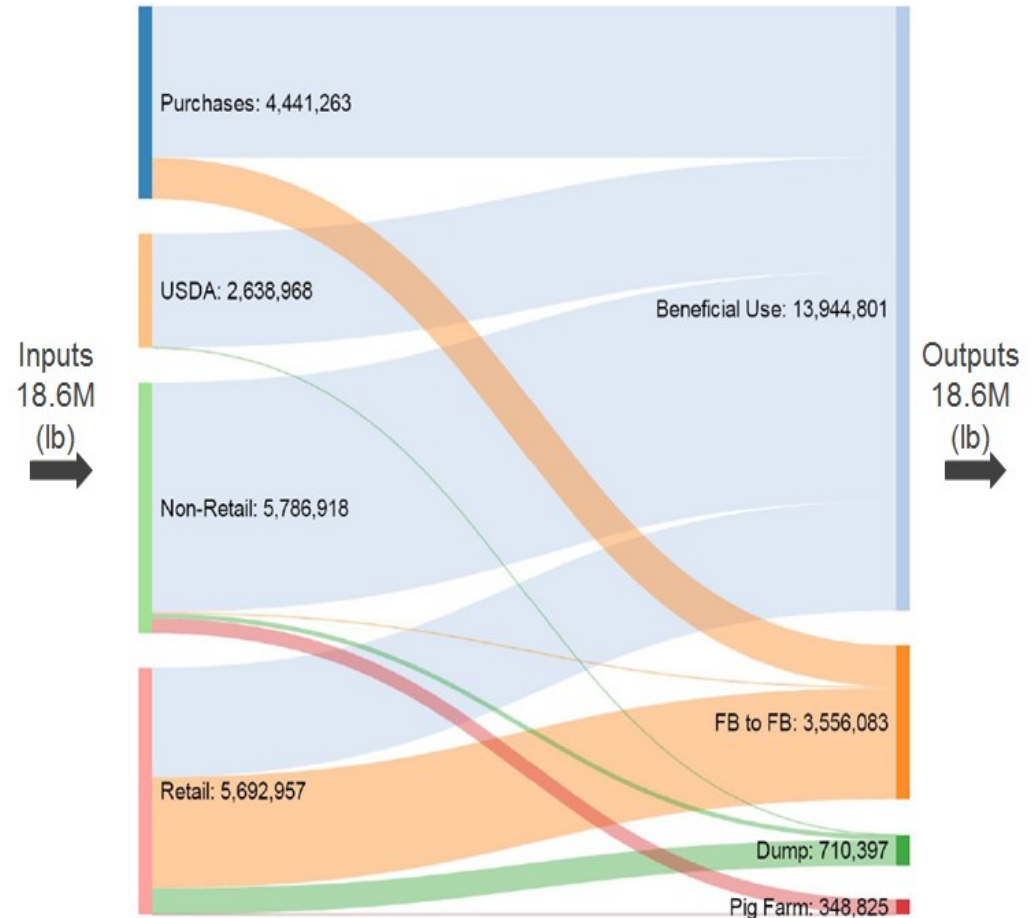
- Some donations are unusable
- Disposal burden placed on Foodlink

Solution

- Benchmarked other facilities
- Performed on-site assessment
- Improved quality of donations
- Recommended in-house source reduction
- Found opportunities for discarded and unwanted food items

Results

- Source reduction techniques recommended
- Diversion options evaluated and presented
- Sustainability Action Plan developed



Brief Assistance



- Must be **NY-based** company
- **Technical assistance** provided from an interdisciplinary team
 - engineers
 - environmental scientists
- **<1 day** of work
- **No cost**
- **Non-capital** expenses only



Capital Funding



- Empire State Development
- \$2 M over 3 years
- Capital equipment
- Support food waste generators
 - Reduce food waste
 - Divert food waste
- 50% cost share
- Reimbursements only
 - must meet metric commitment
- *Funding not yet available*



Community Grants Program



- NYS-based groups only
- Not-for-profit community organizations or local government agencies
- Grants are **1 year** in length
- Projects are eligible for **10k- 20k** of funding.
- Supported **90** community grant projects from across the state with over **\$1.3 million** worth of funding.



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Community Grants Program : Case Study



Pratt Center for Community Development Waste Prevention & Diversion Initiative

Results:

- Evaluated Bronx CookSpace's waste systems
- Identified strategic activities to:
 - Reduce the building's waste costs
 - Divert recyclables from landfill
 - Improve engagement with tenants
 - Identify and implement value-added onsite solutions for organic waste recovery



Partners:

Women's Housing and Economic Development Corporation,
WHEDCo, Bronx Cookspace, Common Ground Compost

Community Grants Program: Current Project



NYS Restaurant Association Educational Foundation (NYSRAEF) Green Hospitality Initiative's Restaurant Food Waste Project

Goal:

To assist restaurants in the NYC and Lower Hudson Valley region to better manage food waste.

This project will :

- Promote the important strategies of food waste management to current NYSRAEF members and culinary students
- Support increased restaurant profitability

Partners: Common Ground Compost



Questions?



Contact:

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