



NJ Composting Council
A STATE CHAPTER OF THE
U.S. COMPOSTING COUNCIL



Food Waste Diversion Initiatives and Mandates

Organics Waste Management Summit 2021
October 27, 2021




1

Today's Presenter

I am passionate about working with communities now to advance a sustainable future for waste prevention, reuse and recycling.

We have an urgent need to implement regenerative, circular solutions for ourselves and future generations.



Jennifer Porter
GBB Vice President – Sustainability Officer
SWANA / CRRA Certified Practitioner
in Zero Waste Principles and Practices

2



Today's
Agenda

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*Food Waste Initiatives
and Mandates*

- GBB + NYS/NYC Regulations
- Case Studies of Tusten NY HORSE
- Questions & Answers

3

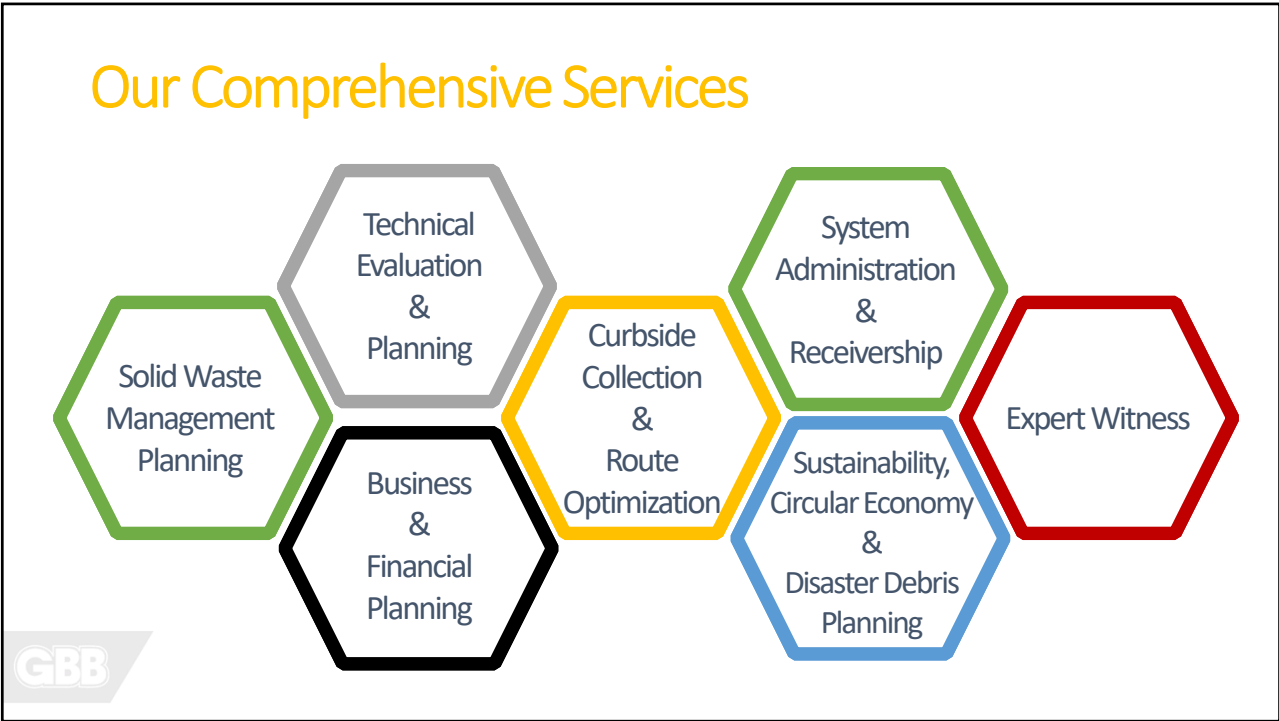
Our
Story

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GBB is an international solid waste management consulting firm that helps public- and private-sector organizations craft practical, customized and technically sound solutions for complex solid waste management challenges.

Since 1980, GBB has been a trusted resource at the forefront of the industry, creating success stories that integrate smart planning with effective management of solid waste services. Our staff enables our clients to do more with less.

4



5

Some Key GBB Clients

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- GUAM
- COUNTY OF MAUI STATE OF HAWAII
- PRINCE GEORGES COUNTY MARYLAND
- COUNTY OF KENT MICHIGAN
- CITY OF FORT WAYNE INDIANA
- CITY OF CLEVELAND OHIO
- CENTRAL VIRGINIA WASTE MANAGEMENT AUTHORITY
- CITY OF BATON ROUGE PARISH OF EAST BATON ROUGE
- TOWN OF BABYLON SUFFOLK CO., NY
- MECKLENBURG COUNTY NORTH CAROLINA
- Northeast Maryland Waste Disposal Authority
- FORT WORTH
- WASATCH INTEGRATED waste management district

GBB


6

NYS Food Donation and Food Scraps Recycling Law

- Effective January 2022, businesses that generate at least 104 tons of food waste per year, (calculated as annual avg of 2 tons wasted food/week), must donate excess edible food, and recycle all remaining food scraps.
- In New York State, food makes up 18% of all waste, about 3.9 million tons of wasted food from NY ends up in landfills each year.
- The law applies to large generators of food scraps such as restaurants, grocery stores, hotels & motels, colleges & universities, shopping malls and event centers in NYS, that are located within 25 miles of an organic recycler.
 - This law does not apply to NYC, as the City has already had commercial organics laws in place since 2012.



7



NYC Commercial Organics Requirements


- As of July 31, 2020: WARNING PERIOD EXTENDED FOR THESE BUSINESSES — NO FINES ISSUED UNTIL JULY 31, 2022
- Food Service Establishments** (such as restaurants, delis, coffee shops, cafeterias, etc.)
 - Food Service Establishments having 7,000 to 14,999 square feet
 - Chain Food Service Establishments of 2 to 99 NYC locations with combined floor area 8,000 square feet or more
 - Food Service Establishments in Hotels having 100 to 149 guest rooms
 - Food Service Establishments with combined floor area 8,000 square feet or more in the same building or location
- Retail Food Stores** (such as supermarkets and grocery stores)
 - Retail food Stores having 10,000 to 24,999 square feet
 - Chain Retail Food Stores of 3 or more NYC locations with combined floor area 10,000 square feet or more
- Food Preparation Locations** having 6,000 square feet or more
- Catering Establishments** hosting on-site events to be attended by more than 100 people
- Temporary Public Events** to be attended by more than 500 people

8

Town of Tusten Energy Committee

Includes Narrowsburg: Unique hamlet along the Upper Delaware River in the Sullivan County Catskills

- *The TEC appointed in 2011 to make sustainable changes to the beautiful Town of Tusten.*
 - Certified the 19th town in NYS a Climate Smart Community
- Stood behind Town of Tusten law banning fracking.
- Energy audits
- "TUSTEN RECYCLES" canvas bags
- Public space recycling stickers
- LED Streetlights
- Trex soft plastic collection – more than one ton collected = 5 benches!
- Tusten HORSE





9

Town of Tusten, NY

HORSE Microdigester, Model AD25 + Food Rescue Program

Funded by 2018 DEC Municipal Food Scraps Reduction, Food Donation and Food Scraps Recycling Programs

HORSE: High Solids Organic waste Recycling System with Electrical output

Reviewed Options with CET

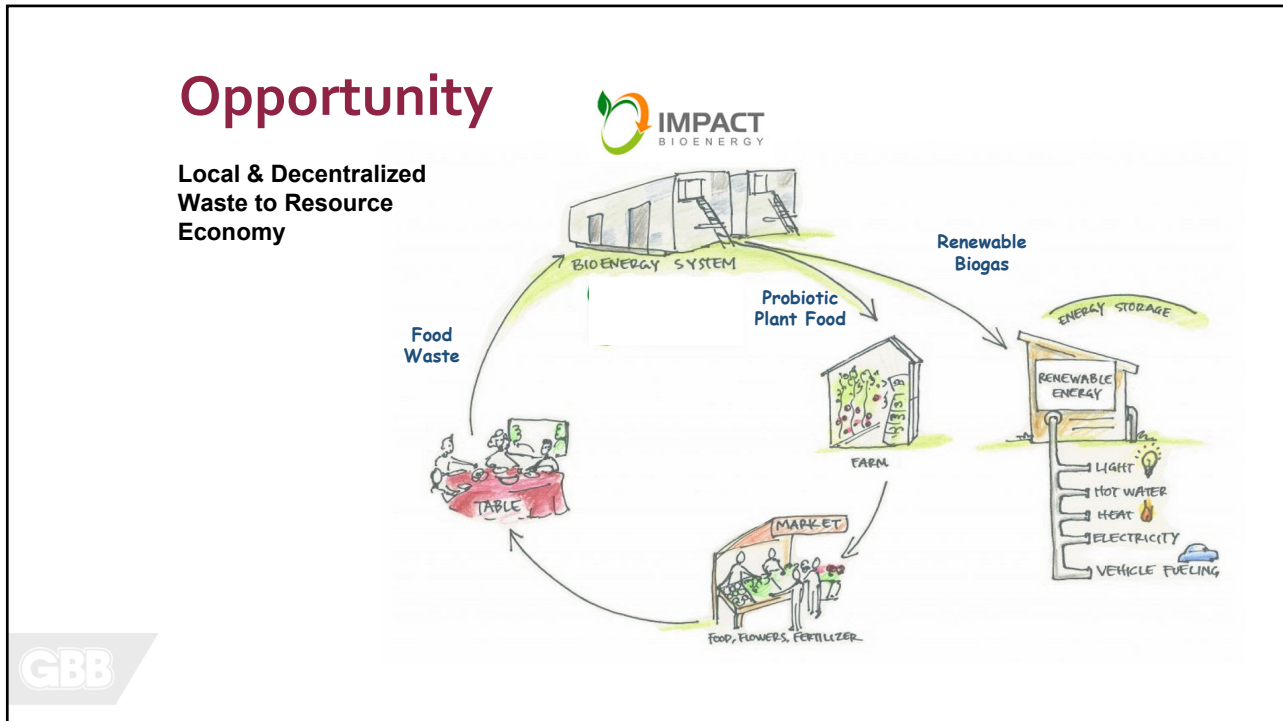
- Objectives
 - Increase food rescue and food donation for the food insecure
 - Install HORSE Microdigester, Model AD25
 - Increase food waste diversion from businesses and residents
 - Train the Tusten Energy Committee for Year 2 + project maintenance







10



11



12

Products



25 to 175 tons/year food waste
(135 to 960 lbs/day)

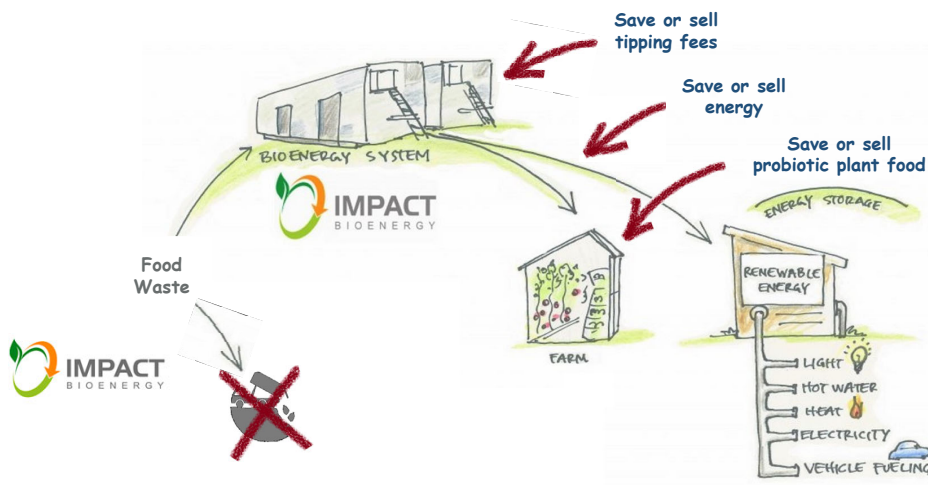


185 to 925 tons/year food waste
(1,000 to 5,000 lbs/day)

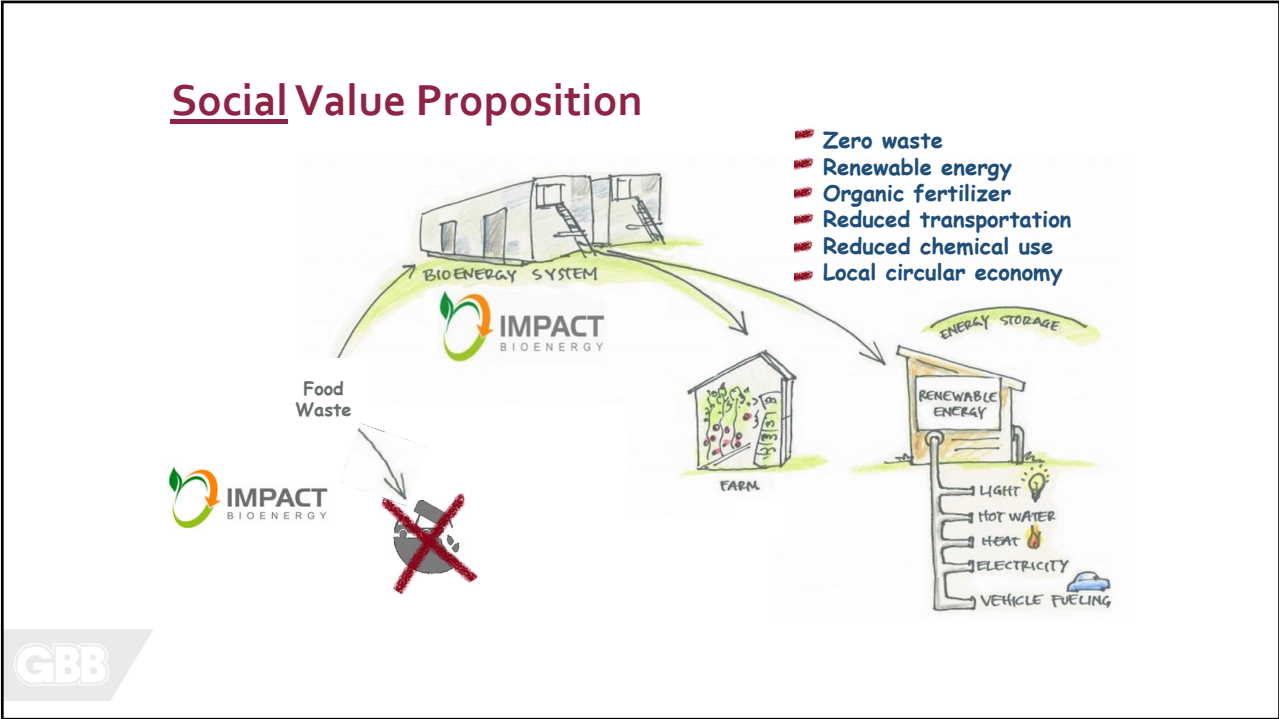


13

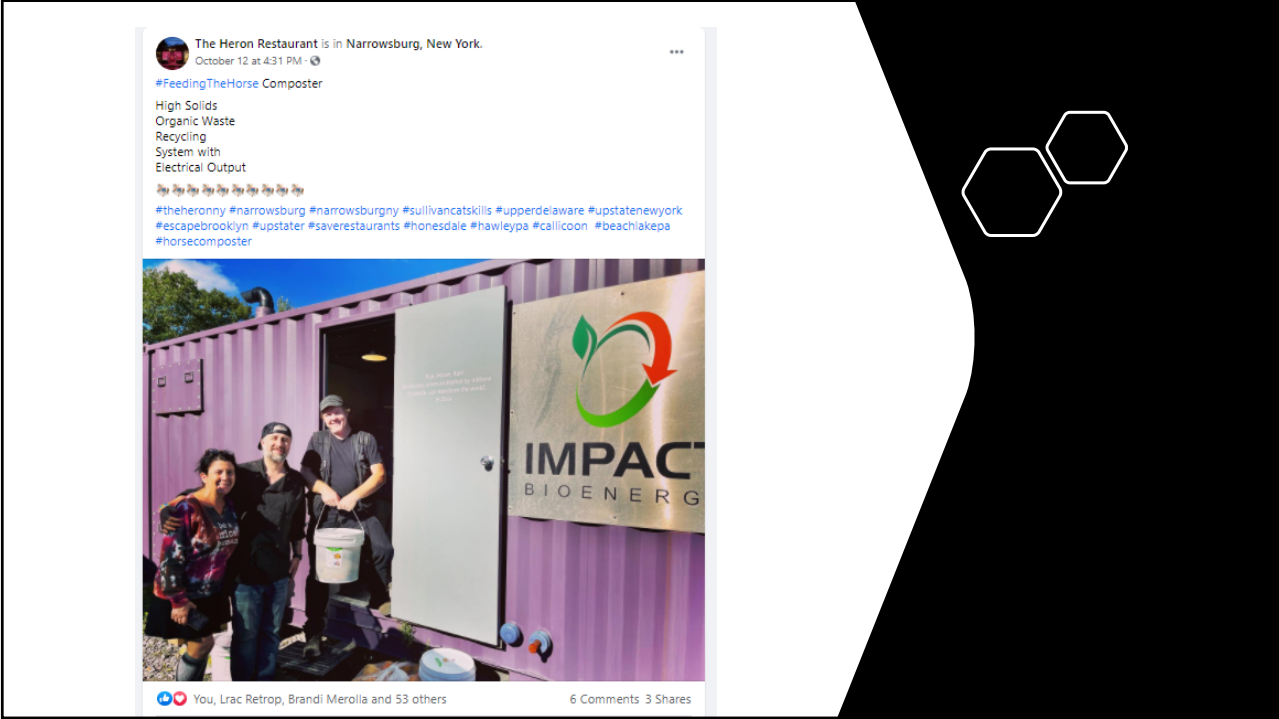
Economic Value Proposition



14



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16

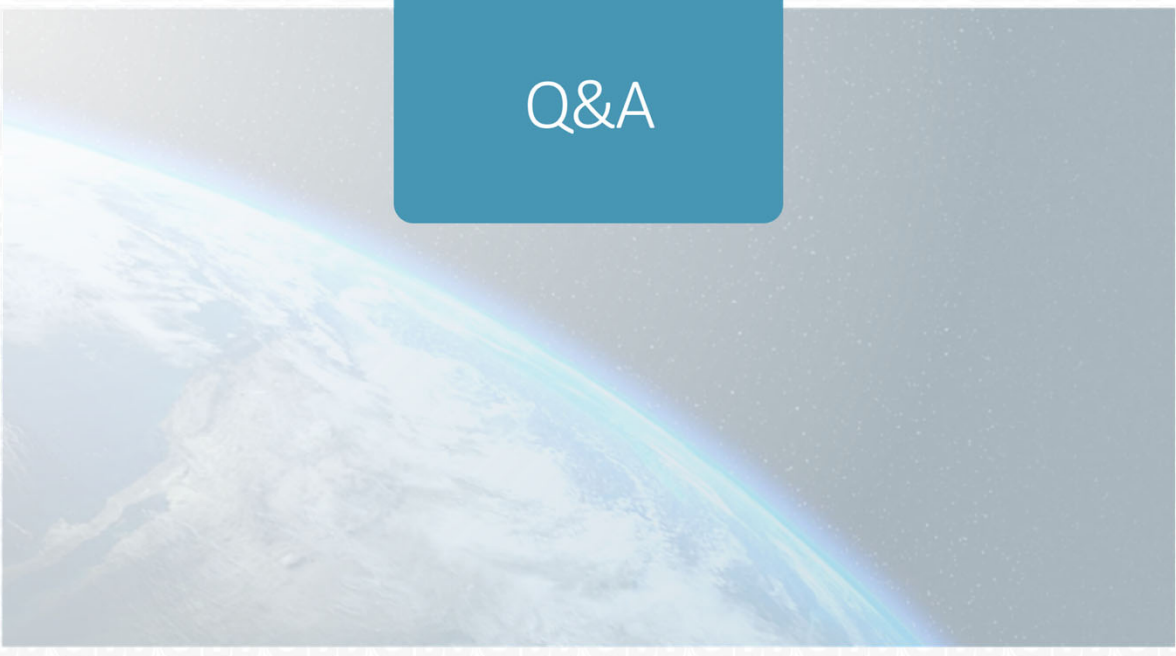
Steps Ahead

1. Ramp up of food waste drop offs
2. Probiotic plant food marketing
3. Higher Ed/Community interest
 - a. RIT case study underway
 - b. SUNY Sullivan operating partnership
 - c. NYS and PA towns planning visits




17

Q&A



18

Thank You!
Contact Us



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