

Unlocking the Value: Transforming the Connecticut Materials Economy



Lorenzo Macaluso, Green Business Manager

Who is CET?

The Center for EcoTechnology helps people carry out their daily life with less environmental impact. We find practical ways to improve environmental performance for residents, businesses, and institutions.

- Energy Efficiency and Green Building
- Green Homes and Businesses
- Our retail store – EcoBuilding Bargains



What is Composting?



Composting begins in the kitchen



- Employee Education
- Clear Signage
- Support from Management
- Program Champion



COMPOSTABLE ITEMS



SUSTAINABLE
CLARK

COMPOST

please; do not put biodegradable plates
cups, or paper towels in compost bins.

all food waste (no bones, please)

- bananas
- fruits
- coffee grounds
- jell-o
- vegetables
- coffee filters
- marshmallows
- baked goods
- meat
- cereal
- dairy products

please rinse all containers before recycling them.
no tissues, paper towels, or plastic bags please.

- paper, newspapers, magazines
- wine bottles and other glass containers
- flattened cardboard
- plastic food & beverage containers
- aluminum cans/pans/foil
- empty aerosol cans
- make-up containers

single-stream
RECYCLE

**note: toilet paper from the show
is recyclable, but house staff
should collect and store it as usual.**

BLUE MAN GROUP COMPOST AND RECYCLING PROGRAM



Shriners Hospitals
for Children™

Shriners Hospital Table Tent



**LEAVE FOOD & NAPKINS ON
YOUR TRAY
WE COMPOST**

- Include food scraps, bones, fruit peels and pits



**THROW AWAY THESE ITEMS
IN THE TRASH BARREL**

- Food Packaging
- Plastic wrap & bags
- Plastic tableware
- Styrofoam containers
- Coffee cups & sleeves
- Snack wrappers
- Ketchup, mustard, salad dressing packets



BLUE RECYCLE BIN

- Aluminum soda cans
- Glass soft drink bottles
- Plastic water and soft drink bottles
- Tent top juice containers

Collection



Hauling



Processing



Business Sectors



- Restaurants and Coffee Shops
- Hospitals and Large Caterers
- Corporate Cafeteria
- Venues
- Supermarkets
- Universities/Colleges
- Food Processors

Why should you Compost?

- Possible cost savings
- Meet sustainability goals
- Local processing option/support farms
- High state priority and regulatory compliance
- Customer demand



Regulatory Compliance



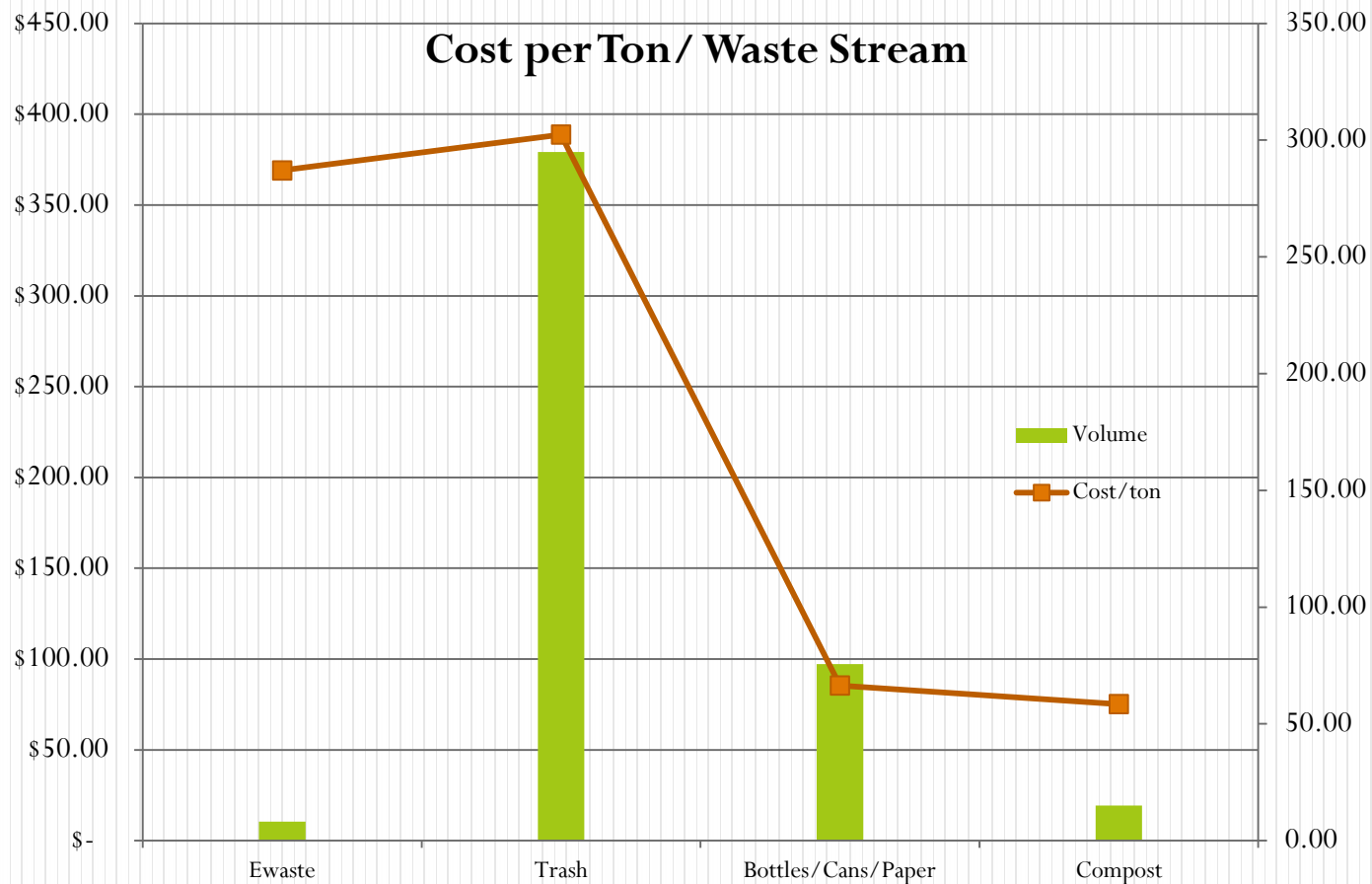
- Mass DEP existing bans
- Proposed ban on food waste: July, 2014
- CT DEEP ban took effect October, 2011
- Mandatory Recycling laws

Cost Effectiveness

- Cost effectiveness is dependant on the overall systems in place (eg. amount of waste)
- Evaluation creates opportunities to find other efficiencies in the system.



Williams College Cost Analysis



Composting at Big Y

- Results in ~\$99,000 in savings from 28 locations
- Has become part of the employee training
- Marketing has brought good publicity to store
- \$2.9M in savings and revenue from composting/recycling in 2011



Big Y...Going Green

Big Y is a member of Waste Wise, and the Mass DEP Supermarket Recycling Certification Program. In April 2008, Big Y was awarded the "2007 Outstanding Recycler of the Year" from the Center for Ecological Technology and the Springfield Materials Recycling Facility.

Our recycling programs reduce waste, lower our carbon footprint and save natural resources.

Cardboard is heavy and does not compact well so we recycle our boxes to keep them out of landfills.

Film plastics and customer bags are collected in all stores and brought to our distribution center to be used in manufacturing plastic decking material. Big Y recycled more than 174,000 pounds of plastics last year.

Composting is done in 17 locations and our goal is to add another 8-10 locations in 2008. Big Y's food, floral waste, wax cardboard, and wood waste is composted at a farm in Greenfield about a mile from our Greenfield store. The farmer uses the end product as a soil amendment for his fields and sells compost to the public for gardening, lawn care, and mulch.

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Blue Man Group



- Pay close attention to waste/recycling invoices
- Maximize recycling and composting
- Reduce trash service – size and/or frequency

| Original Disposal Costs | Approximate new disposal costs | Aprox Annual Savings |
|-------------------------|--------------------------------|----------------------|
| \$50,000 | \$12,480 | \$37,520 |

Saving 75% on disposal costs!

Success Stories

- Lord Jeffrey Inn
- Yum!Brands
- Del Monte
- Lathrop Communities





1 (800) 254-5525
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www.RecyclingWorksMa.com

- Designed to help businesses and institutions maximize recycling, reuse, and composting through:
- Technical Assistance
- Events and Workshops
- Educational Support
- WasteWise



For More Information:

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