



Community-Scale Composting in NYC

CHALLENGES & OPPORTUNITIES IN URBAN ORGANICS RECOVERY

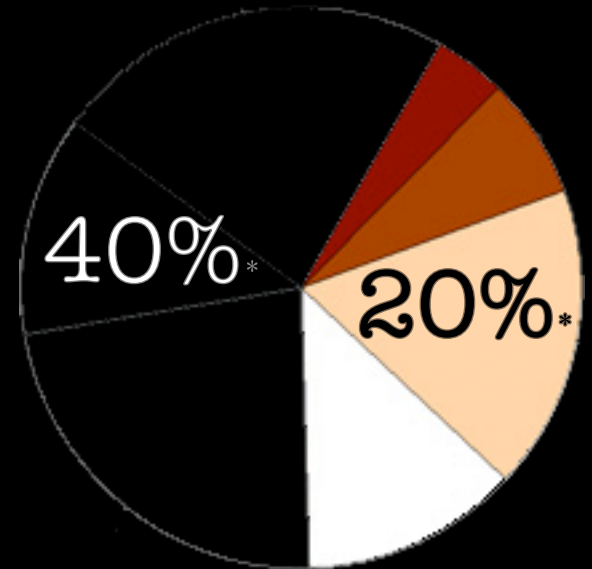
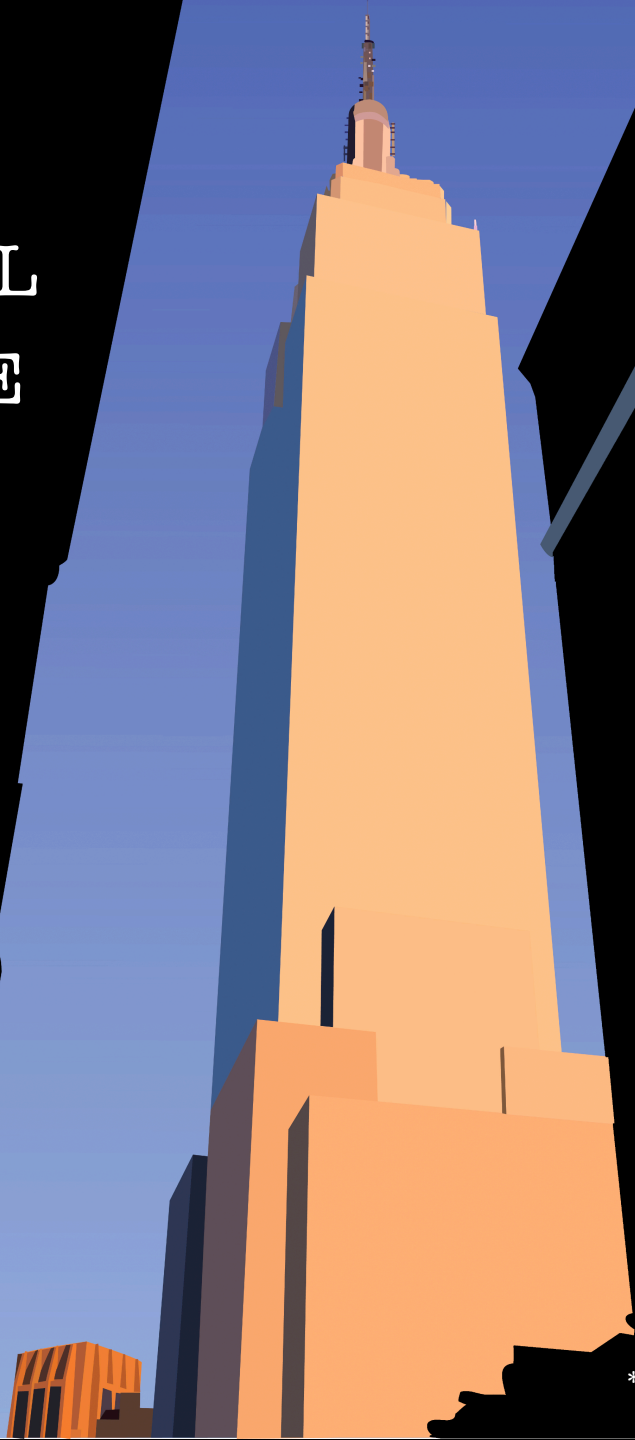


Stephanos Koullias

“Integrated solutions essentially means that there is more than a single solution from an investment in organics recycling.”

-Nora Goldstein, Biocycle
October 2012 Editorial

13,000 TONS
RESIDENTIAL
SOLID WASTE
DAILY



* DSNY 2009 Waste Characterization study

NEW YORK CITY

BRONX

MANHATTAN

300 SQUARE MILES

(0.00008%)

QUEENS

BROOKLYN

STATEN ISLAND



- Nuisance odors
- Vermin
- Messiness
- Contaminants
- Culturally unaccepted





NYC - Morgantown, PA
Round trip: 260 miles

NYC - Charles City, VA
Round trip: 720 miles

NYC - Bishopville, SC
Round trip: 1,300 miles

LOCAL LAW 42

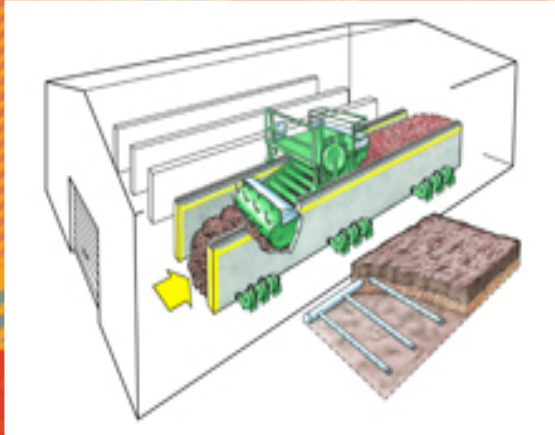
**REPORT ORDERED BY NYC COUNCIL TO BE COMPLETED BY JULY 2012.
TO BE ISSUED BY THE NYC DEPARTMENT OF SANITATION & O.L.T.P.S.**

- STUDY THE VIABILITY OF “CURBSIDE COMPOSTING”
- IDENTIFY COMPOSTING FACILITIES WITHIN 300 MILES OF NYC
- ASSESS CAPACITY OF TRANSFER STATIONS WITHIN 60 MILES OF NYC
- EXPLORE OPPORTUNITIES TO COMPOST WITHIN NYC, OR;
EXPLORE OPPORUNITIES TO DEVELOP A FACILITY WITHIN 60 MILES
- IDENTIFY CURRENT SITES IN NYC ACCEPTING ORGANICS REFUSE
- PROVIDE A PLAN TO STUDY THE VIABILITY FOR COMPOSTING
RESIDENTIAL OR COMMERCIAL WASTE STREAMS
(TO BE ISSUED WITHIN TWO YEARS OF THE REPORT)

NEW YORK CITY



MANHATTAN



STATEN ISLAND

“Backyard composting can only be practiced by highly motivated individuals, and cannot therefore be expected to achieve significant diversion rates on a municipal scale.”

NEW YORK CITY



QUEENS



ISLAND





[linkedin.com/in/stephanos](https://www.linkedin.com/in/stephanos)

skoullias@gmail.com