



Peak Trash

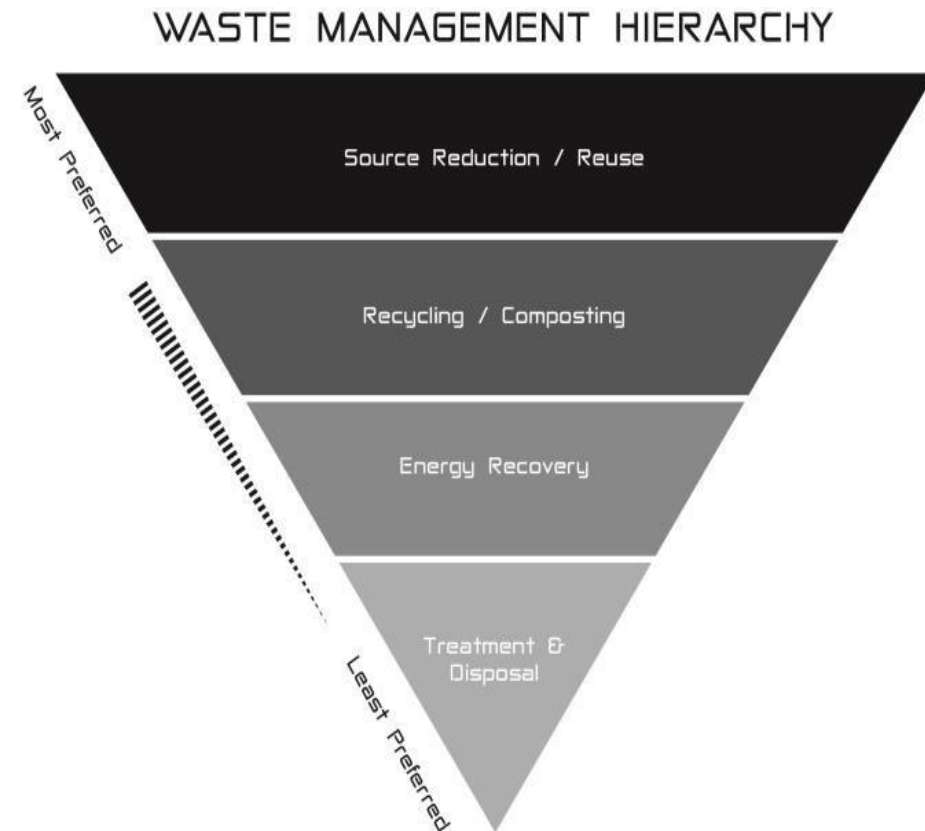
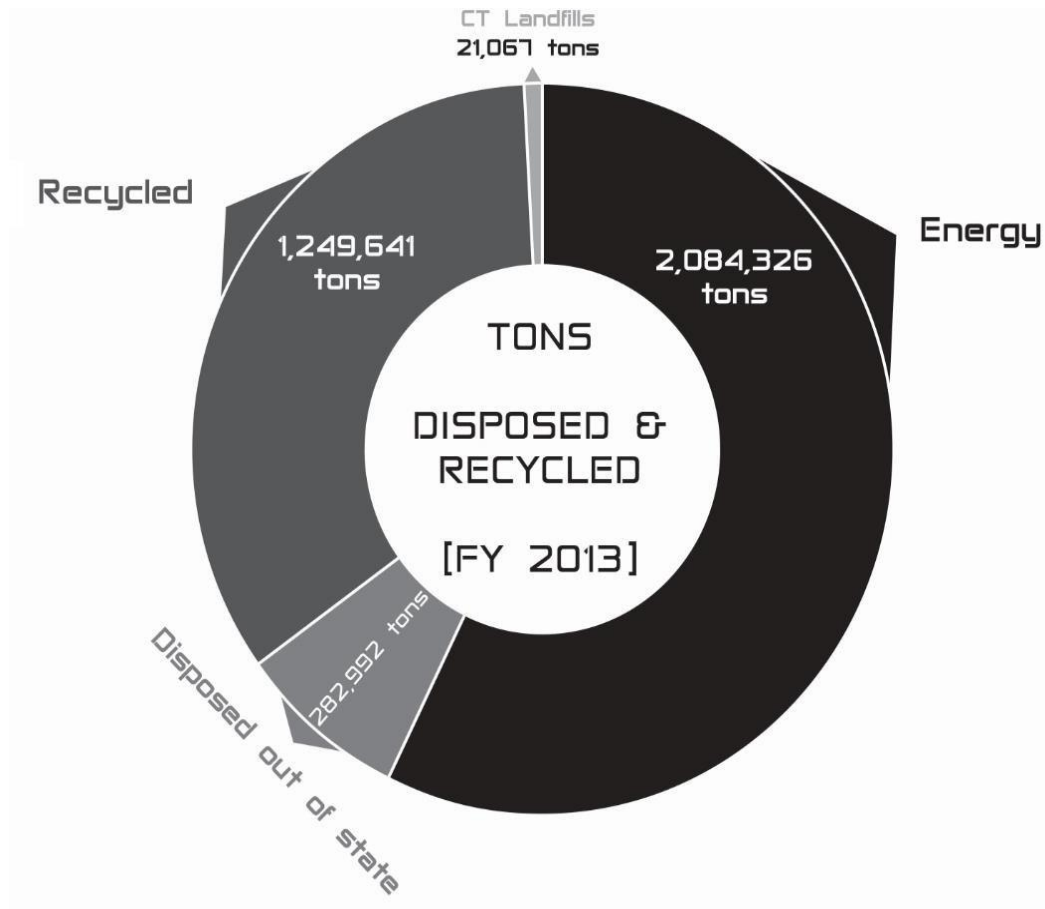
CAN CONNECTICUT
AVOID A WASTE CRISIS?

LEE SAWYER
DEPARTMENT OF ENERGY &
ENVIRONMENTAL PROTECTION





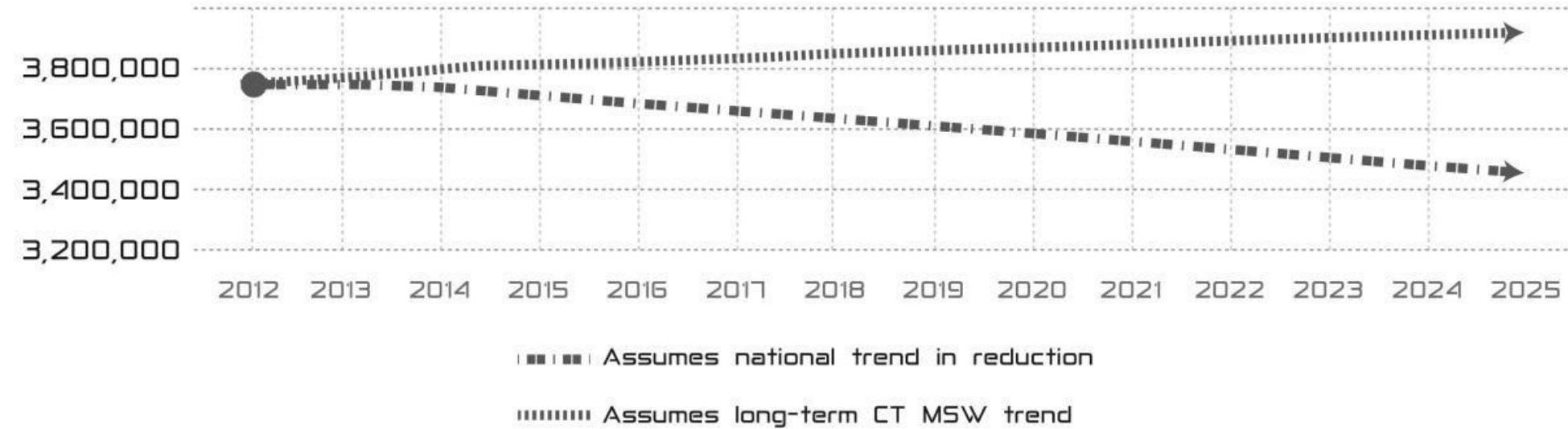
MSW DESTINATIONS AND HIERARCHY





MSW FORECASTS

TWO SCENARIOS FOR MSW GENERATION [TONS PER YEAR]





INFRASTRUCTURE: GOOD NEWS & BAD NEWS

Good News

- Single-Stream Recyclables – established MRF (sorting) infrastructure and widespread curbside collection
- Organics – Promising progress on AD development, food recovery, home composting

Bad News

- MSW – Current capacity shortfall, forecasted to grow
- Bulky Waste / C&D – Overly reliant on out-of-state landfills



CT HAS SHORTFALL IN DISPOSAL CAPACITY

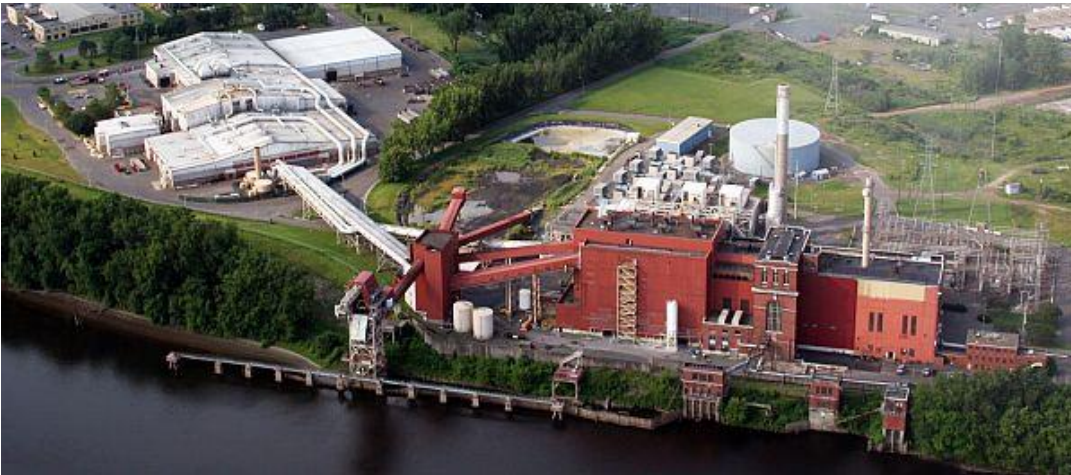
2.3 Million TPY MSW to Dispose

-2 Million TPY WtE Capacity

300,000 tons MSW must go out-of-state



FURTHER REDUCTION IN WTE CAPACITY BY 2024



State's largest WtE Facility in Hartford may downsize – possible loss of 200,000 to 750,000 TPY. Total capacity gap by 2024 – Conservatively 500,000 TPY



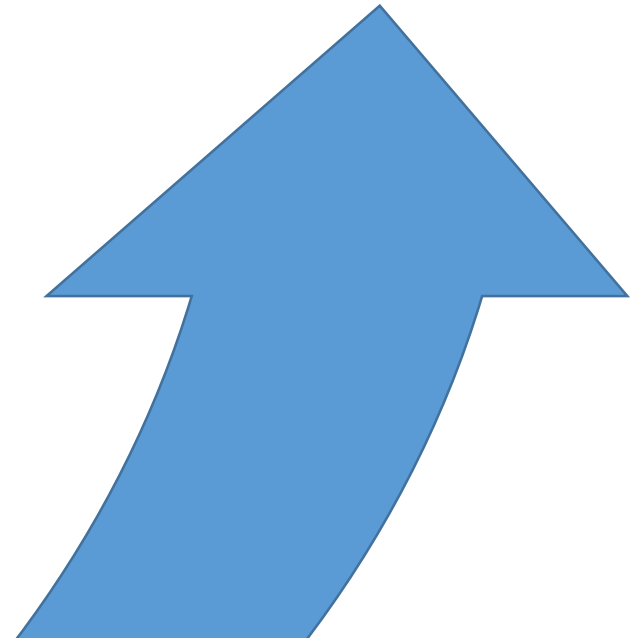
<CAPACITY = >COSTS

\$25 million per year in higher costs for disposal.

\$1 billion in new infrastructure investment required by 2030 to replace lost capacity.

\$100/ton

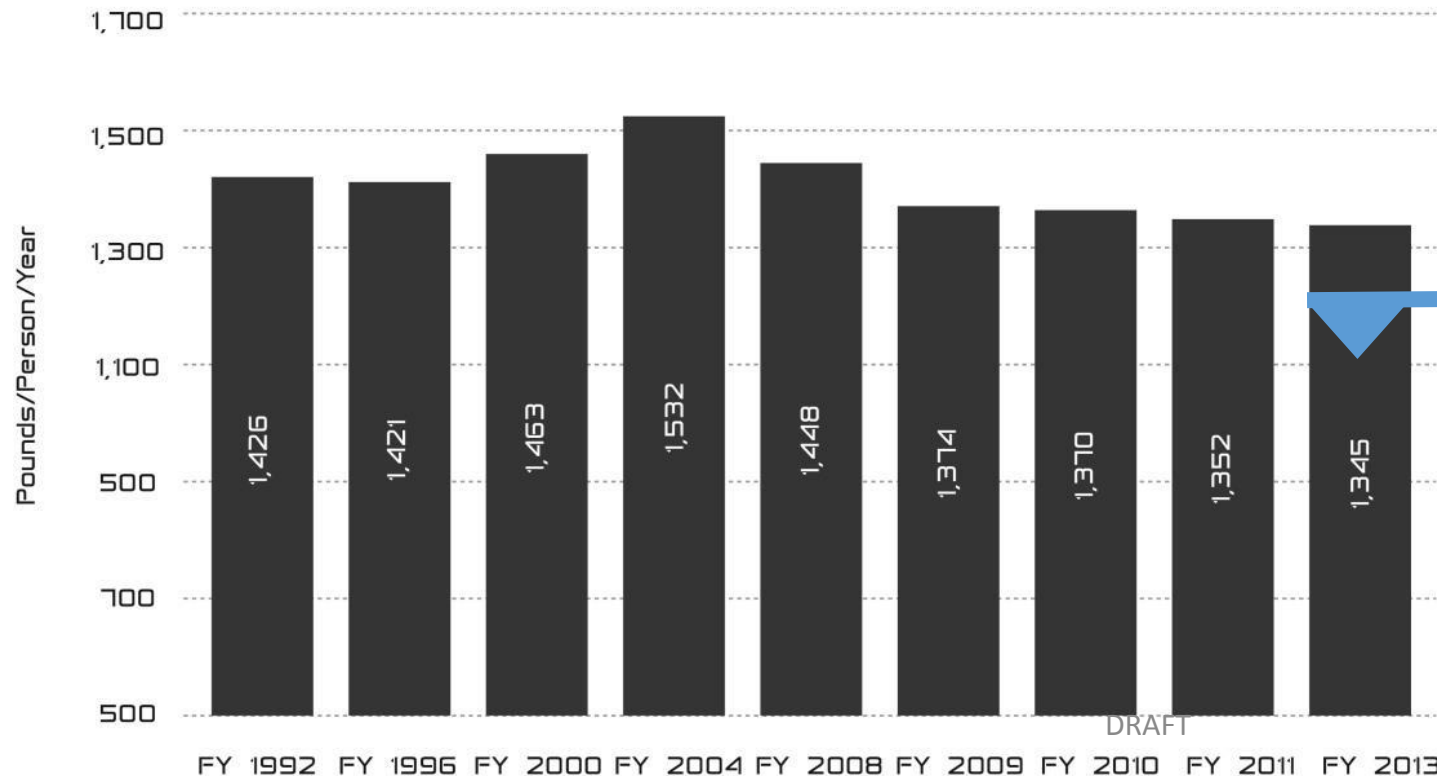
\$60/ton





WASTE REDUCTION IS THE PREFERRED SOLUTION

CT MSW REPORTED DISPOSED [POUNDS/PERSON/YEAR]



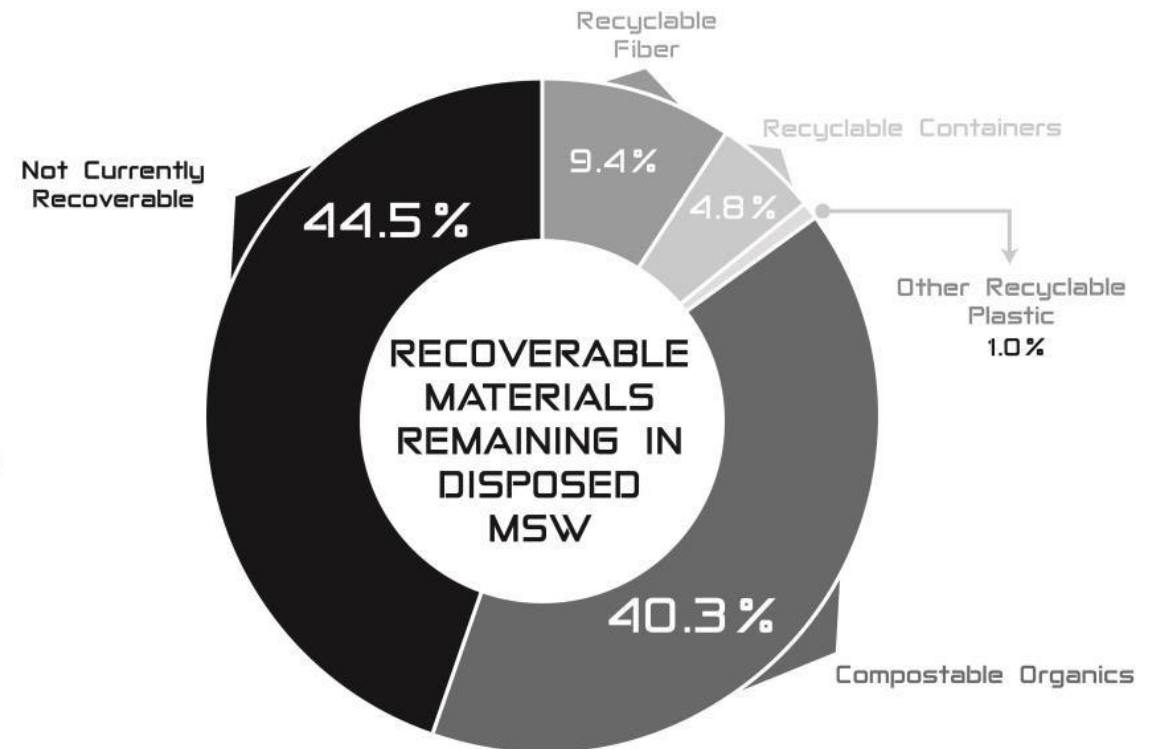
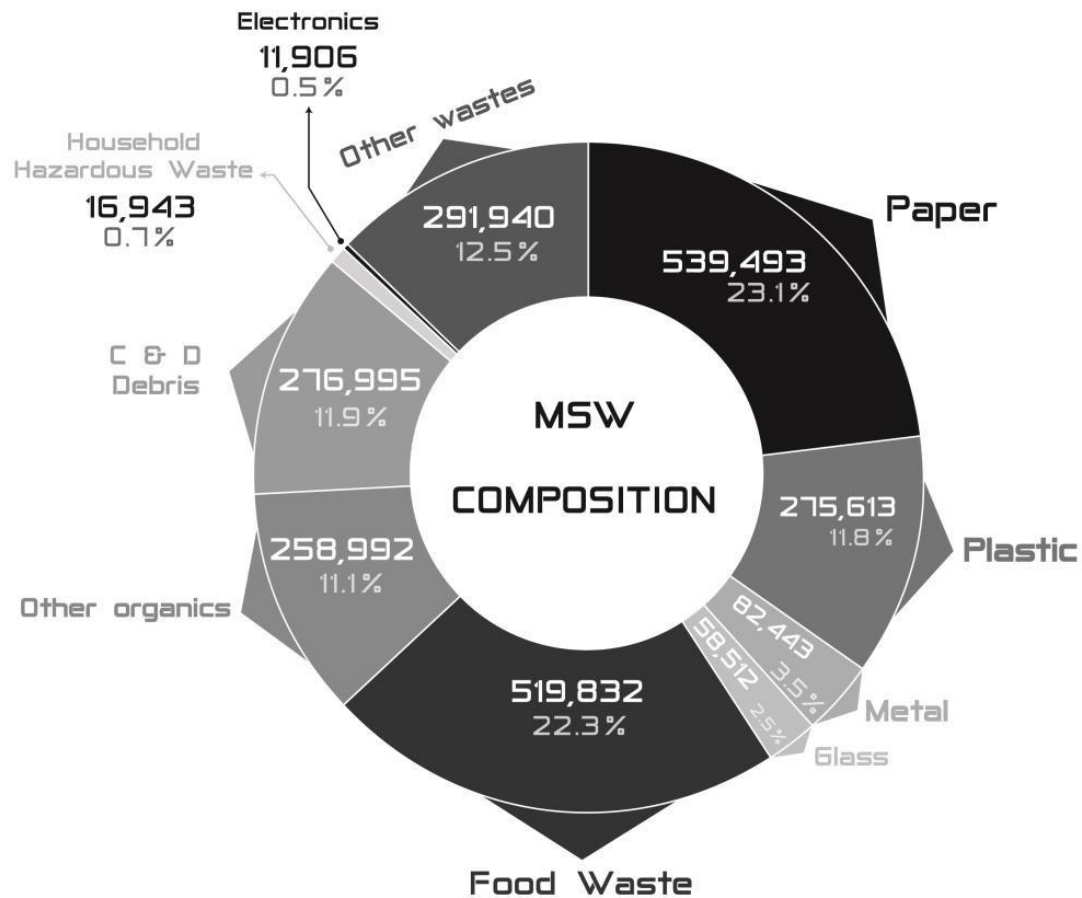
CT must either:

Build at least 500,000 TPY of new disposal capacity (est. \$1b investment)
AND/OR...

Cut disposal by a minimum of 10% and increase recycling rate from 35% to 45%

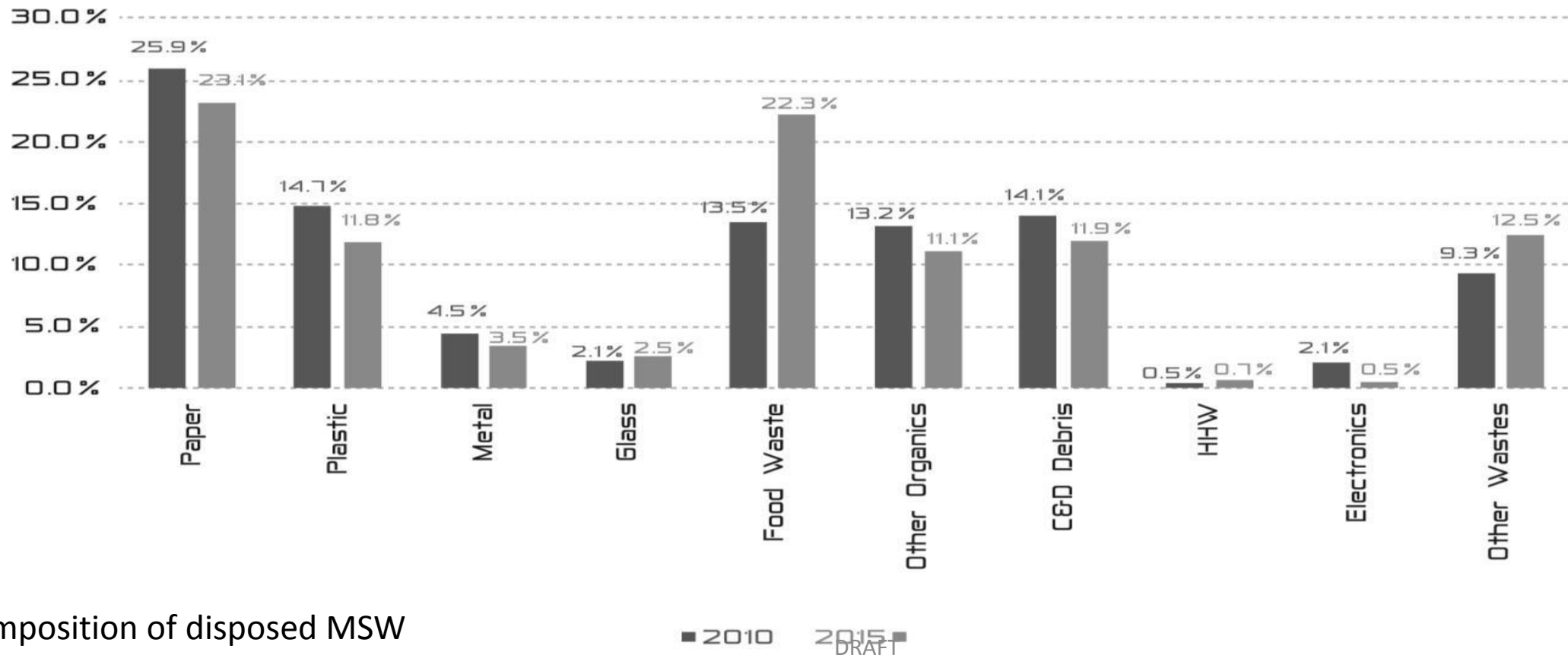


INCREASING RECYCLING





INCREASING RECYCLING: PROGRESS!



Composition of disposed MSW
2010 vs 2015



THREE GOALS OF THE CMMS

How will we meet the goal of 60 percent diversion by 2024?

- Connecticut must improve the performance of municipal recycling systems, **reduce waste**, and increase compliance with mandatory recycling provisions.
- Connecticut must ensure the investment and regulatory climate to promote development and improvement of recycling, conversion, and disposal infrastructure.
- Corporations that design, produce, and market products must share responsibility for stewarding those materials in an environmentally sustainable manner.



MUNICIPAL RECYCLING SYSTEMS

How will we meet the goal of 60 percent diversion by 2024?

- Connecticut must improve the performance of municipal recycling systems, **reduce waste**, and increase compliance with mandatory recycling provisions.
 - All municipalities enforce their recycling ordinances
 - Stronger partnerships between collectors and municipalities to enforce recycling
 - All municipalities provide the right size recycling containers
 - All municipalities implement an initiative to reduce disposed waste by 10%



MUNICIPAL RECYCLING SYSTEMS

How will we meet the goal of 60 percent diversion by 2024?

- Connecticut must improve the performance of municipal recycling systems, **reduce waste**, and increase compliance with mandatory recycling provisions.
 - State will increase education/outreach to residents and businesses
 - State will increase enforcement activities
 - State will provide support / grants for waste reduction initiatives



INFRASTRUCTURE

How will we meet the goal of 60 percent diversion by 2024?

- Connecticut must ensure the investment and regulatory climate to promote development and improvement of recycling, conversion, and disposal infrastructure.
 - Streamlining permitting, DON process
 - Explore mixed waste recovery systems
 - More assistance identifying desirable sites for development
 - Develop new state office / agency for material management infrastructure development (or via MIRA)




PRODUCT STEWARDSHIP

How will we meet the goal of 60 percent diversion by 2024?

- Corporations that design, produce, and market products must share responsibility for stewarding those materials in an environmentally sustainable manner.
 - Develop EPR framework for future
 - Explore regional approaches
 - Revise priority list of products
 - Explore EPR for packaging / curbside recyclables



Coming Soon...



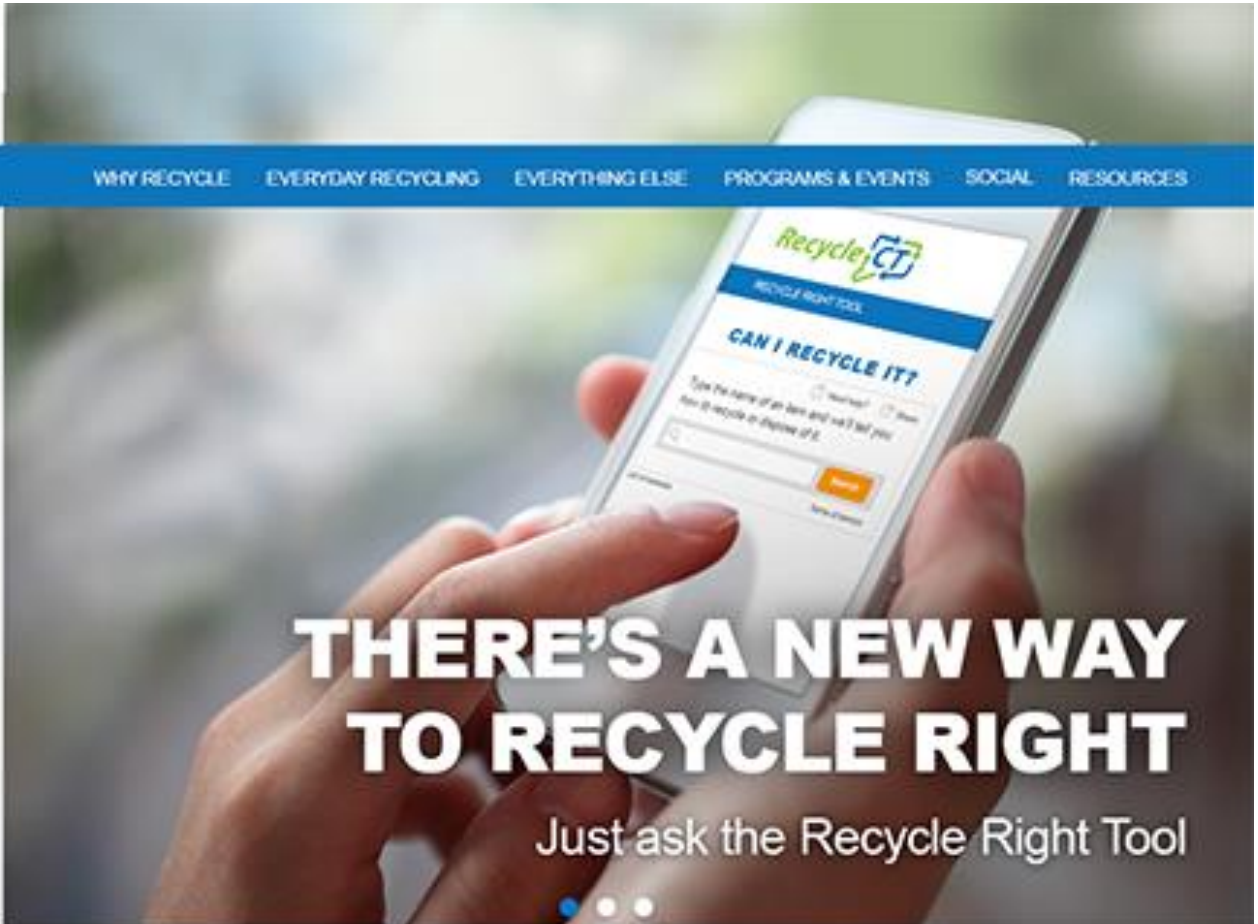
RECYCLE RIGHT TOOL

CAN I RECYCLE IT?

[Need help?](#) [Share](#)

Type the name of an item and we'll tell you how to recycle or dispose of it.

[List of materials](#)



**THERE'S A NEW WAY
TO RECYCLE RIGHT**

Just ask the Recycle Right Tool

Plastic Bags

Pizza Boxes

Shredded Paper

Bottle Caps



2017 Legislation to Watch

- SB 999 – Cow Power
- Various Bottle bill proposals (SB 996, HB 5618, etc.)
- SB 1000 – Glass Study
- HB 6316 – Bag Fee
- HB 5857 – Recycling Bins for Food Establishments
- HB 7065 – Waste Conversion
- HB 7067 – Product Stewardship



Contact Me

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See: www.ct.gov/DEEP/CMMS