

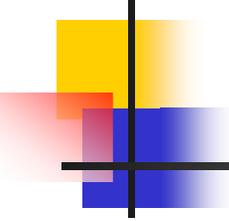
# State Solid Waste Management in CT Renewed Focus on Source Reduction, Recycling & Composting



**Changing the Balance**



**Gina McCarthy, Commissioner**  
**Department of Environmental Protection**  
79 Elm Street  
Hartford, Connecticut 06106-5127  
[www.ct.gov/dep](http://www.ct.gov/dep)

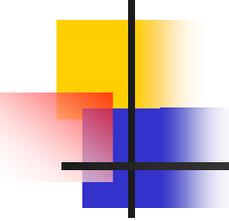


# Guiding Principles

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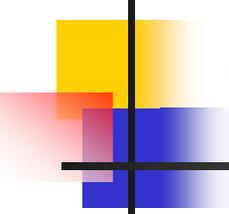
- Public Health and Safety
- Equity and Fairness
- Integrated Waste Management Hierarchy
- Shared Responsibility
- Economic Efficiency and Environmental Sustainability

# Scope of New Solid Waste Management Plan



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- Focus on diversion
  - Source Reduction
  - Recycling and Composting
- Other areas reviewed in the plan
  - Management of Solid Waste Requiring Disposal
  - Management of Special Waste and Other Types of Waste
  - Education and Outreach
  - Program Planning, Evaluation, and Measurement
  - Permitting and Enforcement
  - Funding

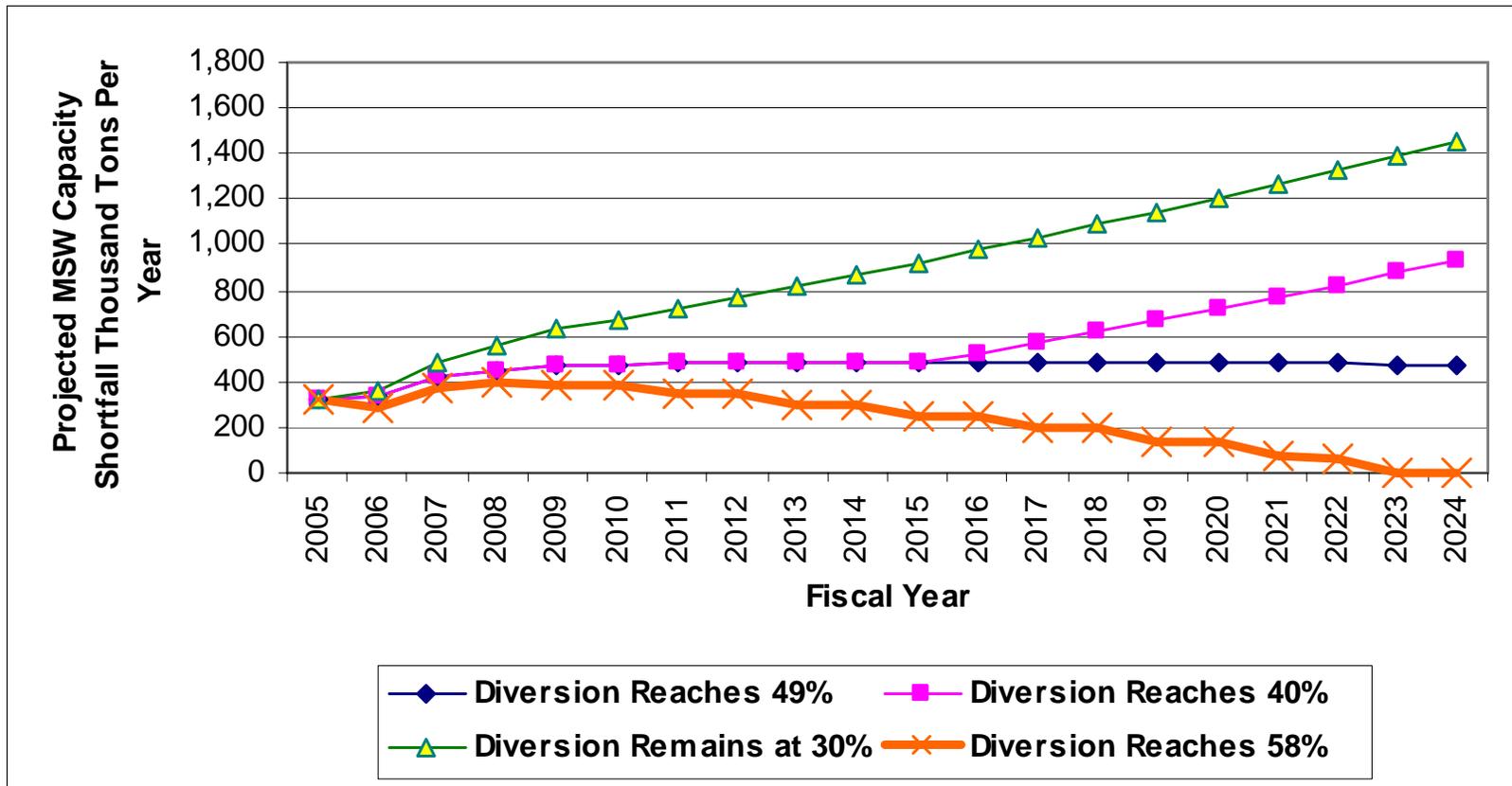


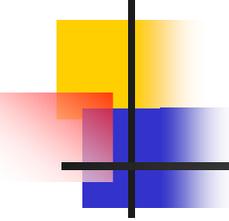
# Background: How much waste do we generate?<sup>(2005 baseline)</sup>

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- 3,805,000 tons of MSW (trash) generated annually
  - 30% recycled
  - 57% burned at six regional Resource Recovery Facilities
    - Generating 551,000 tons of ash residue
  - 9% disposed out of state
  - 4% disposed at in-state landfills
- 1,145,000 tons of C&D/oversized waste
  - 82% (940,000 tons) was disposed of out-of-state
  - 11% (126,000 tons) was disposed in-state
  - 7 % (79,000 tons) was recycled (not including clean fill)

# Projections of In-State MSW Disposal Capacity Shortfall Under Various Waste Diversion Assumptions for the Period FY2005 through FY2024

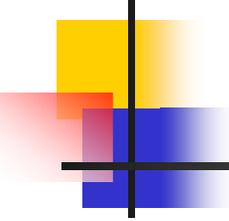




# Target for Reducing CT MSW Generation & Disposal

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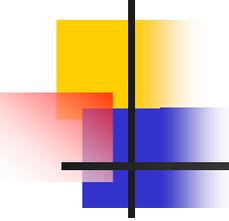
- Reduce our MSW per capita disposal rate from our current 0.8 tons/person/year to 0.6 tons/person/year by FY2024
  - This would result in a zero in-state disposal capacity shortfall projected for FY2024
- It will require at least a 58% MSW disposal diversion rate by FY 2024



# Selected Strategies for MSW Recycling/Composting

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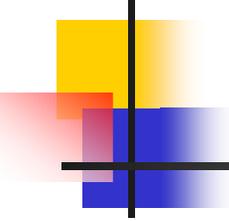
- Develop programs & infrastructure for composting from commercial and institutional sectors
- Additional mandatory recyclables: plastic bottles 1 & 2; magazines
- Expansion of the bottle bill
- Enact legislation that requires recycling of electronic wastes based on a producer responsibility model



# Selected Strategies for MSW Recycling/Composting (cont'd)

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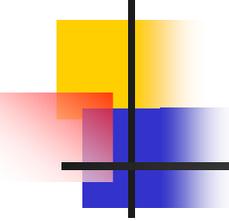
- Designate a state recycling coordinator
- Identify funding for municipal, regional, and state programs
- Increase recycling enforcement
- Create incentives for increased diversion from disposal – including Pay As You Throw (PAYT)
- Develop an effective infrastructure for recycling from small businesses and multi-family housing



# Some Next Steps at DEP

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- Information Management
  - Solid Waste Database
- Increasing the recycling rates of MSW
  - Waste characterization study
- Statutory and Regulatory Change
  - E-waste, plastics
  - Comprehensive & short term changes
- Promoting Organics recycling and composting



# Advisory Committee

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- Open membership
- Regular monthly meetings
- DEP materials will be posted on web
- Visit DEP website [www.ct.gov/dep](http://www.ct.gov/dep) to subscribe to the  
DEP-SWAdvComm listserv