

Beyond Waste: A Sustainable Materials Management Strategy for New York

**Federation of NY Solid Waste Associations
Solid Waste & Recycling Conference
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Commissioner's Policy Office**



Beyond Waste: Key Findings

- 20 years after SWMA, still wasting 65-80% of materials
- Waste contributes to climate change
- Some waste prevention gains have been achieved, but driven by economics and not policy
- Wide variation in program performance statewide; though good data is scarce
- Organics are 30 percent of MSW; recycling organics critical to progress



Beyond Waste: Goals

- Minimize Waste Generation & GHG Impacts
- Maximize Reuse, Recycling & Organics Recovery
- Create Green Jobs
- Maximize the Energy Value of Materials Management
- Foster Good Local Planning
- Strive for Participation, Fairness and EJ
- Prioritize Investment in Recovery over Disposal
- Maximize Efficiency in Infrastructure Development
- Foster Technological Innovation
- Continue to Ensure SWMFs are Designed and Operated Well



Beyond Waste: Quantitative Goals

Recycling Rate	Lbs/Person /Day	GHG reductions (million MTCO2E)	Energy Savings (trillion BTUs)
Current	4.1	9.2	85
30%	3.5	14.3	156
50%	2.4	21.7	234
75%	1.2	28.4	294
90%	.60	32.0	344



Beyond Waste: Impacts

- Reduce 23 million MTCO₂E annually
- Conserve more than 250 trillion BTUs of energy annually
 - Equal to energy consumed by 2.5 million homes
- Create 74,000 jobs



Beyond Waste: Major Areas of Focus

- Improve waste prevention, reuse, recycling
- Increase organics recycling – especially food waste
- Implement product and packaging stewardship



Beyond Waste

Improve the 3 Rs

- Clarify who's required to recycle and where
 - All generators; all places
- Increase education, enforcement and incentives
- Generate and allocate additional resources



Beyond Waste

Increase Organics Recycling

- Maximize food redistribution
- Promote and demonstrate organics recycling in state agencies
- Build the composting and organics recycling infrastructure
- Require planning units to evaluate organics recycling
- Restrict disposal of yard trimmings



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Product Stewardship

- Electronics
- Household Hazardous Waste
- Pharmaceuticals
- Paint
- Carpets
- Automobiles
- Mercury Containing Products
- Packaging



Legislative Recommendations

- Update Solid Waste Management Act
 - Define what materials must be recycled by whom and where
 - Set new goals
 - Require PAYT/SMART funding programs
 - Increase DEC enforcement authority
- Implement Product Stewardship
- Establish Packaging Stewardship
- Create and dedicate new revenue streams



Regulatory Recommendations

- Revise Part 360
- Enact E-Waste Recycling Rule (374-5)



Programmatic Recommendations

- State Leads by Example
- Combat Climate Change
- Public Education
- Outreach and Technical Assistance
- Comprehensive Materials Management Planning
- Infrastructure and Market Development



Beyond Waste

Public Comment Period

Comments due July 6, 2010

Hearing Schedule:

- June 7, Stony Brook University
- June 8, NYC Department of Health
- June 15, DEC Albany Office
- June 23, Sheridan Parkside Community Center, Tonawanda
- June 24, NYS Fairgrounds, Syracuse



Contact

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NYS Solid Waste Management Plan

<http://www.dec.ny.gov/chemical/41831.html>

