



GREENING
New York State
Executive Order No. 4

Green Purchasing in New York State

Beth Meer



Commissioner's Designee to Co-Chair the EO 4
Interagency Committee on Sustainability and
Green Procurement

By the Numbers

- 16,000 facilities
- 17,000 vehicles
- 815,000 tons of waste
- Utility bill \$600 M
- Approximately \$8 B in purchases



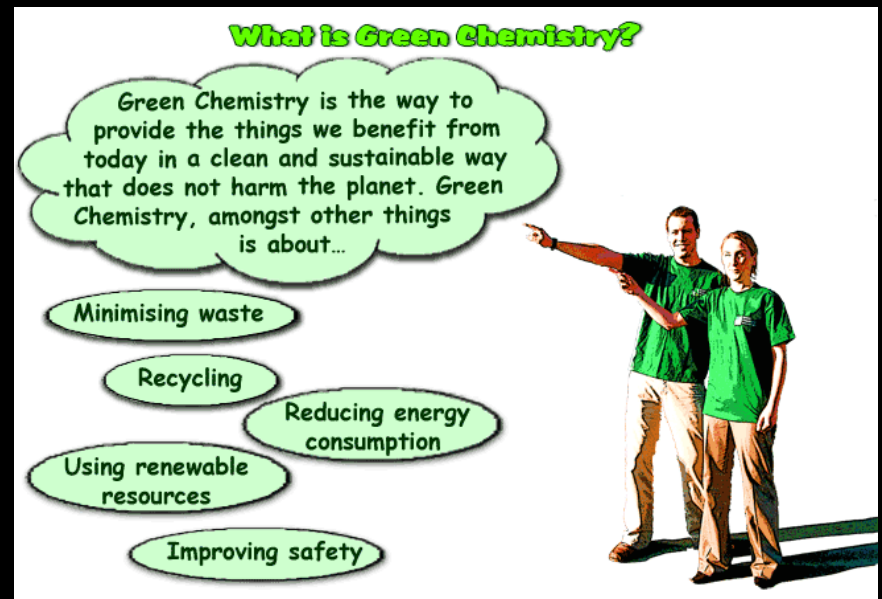
NYS Green Purchasing Policies



- EO 111, Energy Efficiency & Renewable Energy, signed 2001, continued 2011
 - NYS Green Cleaning Law enacted 2005; effective 2006
 - EO 4, Green Procurement and Agency Sustainability, signed 2008, continued 2011
 - EO 18, Restricting the Use of Bottled Water signed 2009, continued 2011
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Green Economy Movement

- Is there a safer, more environmentally friendly alternative?
- Does it WORK?
(is it technically feasible, effective?)
- Is it available at a competitive cost?
- If so, then why not choose it?
Buy it?



EO 4 Criteria for Green Purchasing

- Protect public health and the environment, esp. children
 - Reduce waste; use durable, reused, or reman content
 - Recycle and compost; make content easy to reuse, reman, recycle or compost; use recycled content
 - Reduce toxic chemical use; prevent pollution
 - Reduce greenhouse gases; use renewable energy
 - Manage resources sustainably; conserve water
 - Minimize adverse impacts throughout life cycle; support product stewardship
 - Minimize volume and toxicity of packaging
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EO 4 Green Specifications

- 29 green specifications covering 63 products adopted

Computers, cleaners, lamps, pest management, ink

- 8 tentatively approved

Photovoltaic systems, toilets, carpet, hand dryers

- 19 under development

Office furniture, toner, paint, road aggregate, food



100% recycled, PCF Paper

➤ Statewide contracts for paper issued Summer 2008:

- 100% recycled, processed chlorine free
- Copy and janitorial



➤ FY 08-09

- 22% of copy paper, 34% of janitorial paper = \$4.5 M

➤ FY 09-10

- 49% of copy paper, 75% of janitorial paper = \$13.4 M

- Significantly fewer complaints
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Green Cleaning Law



- Public schools in substantial compliance
 - SED reports green cleaning products cost the same or less, work as effectively, as traditional products
 - SED reports widespread use and no complaints from schools or parents
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Green Cleaning Contract

- OGS green cleaning website lists 1700 products that meet the requirements of NYS law and EO 4.
 - Multi-state contract issued in May 2010 (led by MA) has 18 contractors (9 operative in NYS) and more than 200 products.
 - Available for use by agencies, school districts and municipalities.
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Green Cleaning under EO 4

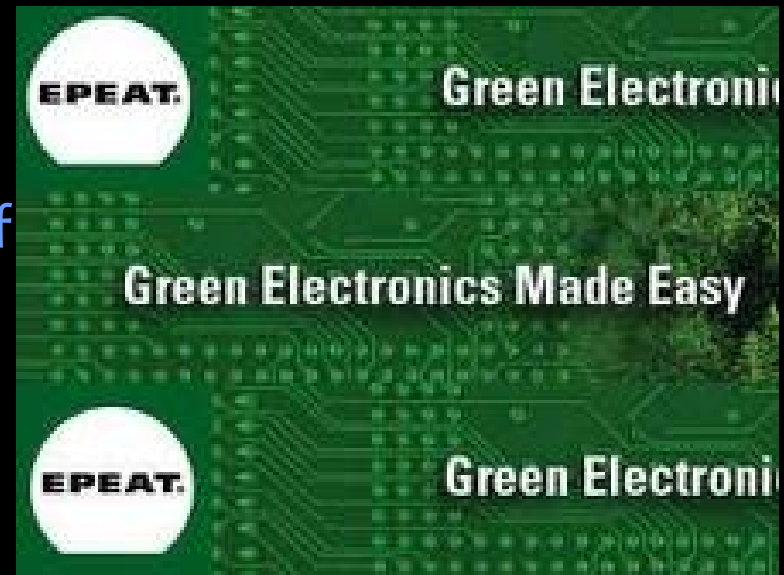
FY 2009-10 Agency Reports:

- 84% use green products all of most of the time.
- 71% reduced the number of products used.
- 37% reported a reduction (3%) or no change (34%) in costs (45% did not know).
- 17% reported an increase in costs.



Green Computer Aggregate Buy

- FY 08-09 met highest environmental standard in the country (EPEAT Gold +7)
- Savings have steadily increased each year: \$130 million saved off contract price FY 08-09
- Will save \$16 million in energy use over life of computers
- Avoided 5 million lbs of solid waste
- Reduced toxic chemical use by 30,852 lbs





Green products: Cost and Effectiveness

In general, green products are competitively priced and perform well:

- Cheaper: traffic safety equip, glass beads, toner
 - Same: janitorial paper, computers, cleaning products, ink
 - Good payback: vehicles, appliances
 - Somewhat volatile: copy paper, motor oil (within 10%)
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The Evolution of the waste can



Challenges and Opportunities

- Learning curve for purchase and use; time consuming to navigate market
 - Existing accounting systems don't track green
 - Lingering perception of increased costs
 - Leased space
 - Offer paper, cleaning products on statewide contracts
 - Support development of independent, third party standards
 - Share models for green procurement tracking
 - Revise state's boilerplate leases; facilitate discussions with landlords
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Conclusion

New York's green cleaning law and green purchasing executive orders are a success. Overall, \$30.7 M spent on green products and services in FY 09-10.

The use of green cleaning products has been widely adopted by schools; 100% recycled content paper is being widely purchased by the state; and green purchases are increasing over all.

Buying green has not increased costs, and green products have been found to work as well as conventional products.

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