IC2 Webinar: Greening Procurement in New York State

July 18, 2017



Department of Environmental Conservation

Greening Procurement in New York State



Elizabeth Meer Special Assistant for Pollution Prevention and Green Procurement Commissioner's Designee to Co-Chair the EO 4 Interagency Committee on Agency Sustainability and Green Procurement

July 18, 2017

Evolution of Green Procurement & Environmental Health

Is there a safer, more environmentally friendly alternative? Is it technically feasible and effective? Is it available on the market at a competitive cost?

Then why not --Choose it? Buy it?







How can government drive the market and build demand for the safer alternative?

How do we support business in making the transition a green economy?

Buy Green, Be Green, Support Green



New York's Green Purchasing and Agency Sustainability Program

https://www.ogs.ny.gov/greenny/Default.asp





BUY GREEN

EO 4, Green Procurement & Agency Sustainability, signed 2008

52 Green Specifications covering 90+ products:

- o Computers
- o Cleaning products
- o Pest management

Green products available on 20 contracts:

- o Cleaning Products (all green EPP contract with MA)
- Computers (aggregate buy all green)
- Paper (some all green)
- o Lamps (many green offerings)
- o Floor coverings (many green offerings)



Chemicals to Consider in Green Procurement

Adopted 2010

What chemicals do we know, or have reason to believe, are hazardous?

What products contain such chemicals?









Buy Green: Cleaning Products

- OGS green cleaning site lists 1700 products that meet the requirements of NYS law and EO 4 (NYS Green Cleaning Law enacted 2005) (Green Seal, UL Ecologo)
- Multi-state "Environmentally Preferable Cleaning Products" contract issued March 2015 (MA, NY, NE)
 general purpose, floor, disinfectants, microfiber products and training.
- >http://www.ogs.ny.gov/purchase/spg/awards/3900022830can.htm
- Many Preferred Source products meet State law and EO 4
 "Snappy Solutions" is Preferred Source, EO 4 Compliant, and MWBE



Buy Green: Computers

- Aggregate purchase of EPEAT Gold "Plus 7" computers
- From 2009-2015, purchased 1.4 million EPEAT Gold computers, spent \$580 million, saved \$595 million off the contract price



http://ogs.ny.gov/pu rchase/PCPurchase. htm



Buy Green: Carpet and Carpet Tile

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Product is made of recyclable material	Yes	Tes	Yet	Yes	Yes	Tes	Tec	Yes	Yes	Tes	Yes	Tec	1	
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Product is Leop Plix Constructed	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	Note 1	None 1	Note 1	Note 1		
Carpet backing is PVC free	Yes	Tes	No-See Note 2	No	Yes	Tes	Tes	Tes	Yes	Tel	Tes	Tes		
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https://www.ogs.ny.gov/purchase/spg/pdfdocs/2060022819E04Prod ucts.pdf



SPLC 2017 highest Leadership Award: Overall Sustainable Purchasing Program





BE GREEN



EO 4, Green Procurement & Agency Sustainability, signed 2008

Sustainability encompasses:

- Toxics use reduction
- Waste reduction and reuse
- Recycling and composting
- Energy efficiency
- Renewable energy
- Transportation
- Water and natural resource conservation



CLEAN GREEN

- 87% of agencies use green cleaning products all or most of the time
- 81% Use fragrancefree
- 75% reduced overall number of different cleaning products used
- 47% reported savings or no change in costs – 12% experienced increase in costs





PEST MANAGE GREEN

- 71% Use IPM for indoor pest control all or most of the time
- 58% Use Non-Chemical Pest Control for turf and ornamentals (up from 43% in 2009-10)
- 49% experienced savings or no change in costs – 9% experienced an increase in costs





Food Service Containers and Packaging

- Tested containers on contract and offered by preferred sources in summer 2016
- Responsible Purchasing Network and the Green Science Policy Institute
- High levels of fluorine indicated presence of shortchain PFCs
- 9,000 20,000 nanograms per square cm (over 500 indicates intentionally added)





Draft Food Service Specification

- Amended existing spec to prohibit containers and packaging with intentionally added PFCs, broadly defined
- Expanded to encourage the use of reusable containers FIRST
- Established clear hierarchy of:
 >Reusable
 >Compostable without PFCs --
 - Recyclable without polystyrene PET and Polypropylene called out as good
 - Recycled and Sustainably Harvested



Compostable, No PFCs





Examples:

- Regular paper plates
- Paper plates coated with clay
- Paper plates or paperboard coated with bioplastic film, eg. polylactic acid (PLA)



Recyclable, No Polystyrene

Why avoid polystyrene?

- Styrene is "reasonably anticipated to be a human carcinogen" (NTP)
- Slow to degrade, common in litter
- No facilities recycle polystyrene in NYS







Recyclable, No Polystyrene





Recycled or Sustainably Harvested Content



Examples:

- Paper with recycled content
- Plastic (eg. PET cold cups) with recycled content
- Molded fiber or paper certified by FSC or SFI



My TO-DO List





Thank You

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Conservation

New York State Executive Order 4 **Green Procurement Specification Furniture**

John Vana, P.E., Chief, NYSDEC, Pollution Prevention Unit

July 18, 2017

Why Furniture?

• Significant purchasing area for the State

• Market shifting towards environmentally preferred products







Our Process

• 2014: Surveyed vendors on response to new TB 117

• Looked to NGO partners, vendors and other states to craft specification

• April 2016: Draft of the specification was released

• April 2017: Specification finalized



What does the specification call for?

Materials must be:

• High Recycled Content, OR

Sustainably Sourced, OR

Low Emitting



4

Chemical Restrictions

- PVC
- Lead
- Perfluorinated compounds
- Formaldehyde
- Antimicrobials
- Phthalates (Encouragement)



5



Flame Retardants

Aggressive restrictions on chemical flame retardants

- TB 117 Furniture
 - Flame Retardant Free
 - Labeling Consistent with California Requirements

• TB 133 Furniture - Free of halogenated flame retardants



Next Steps

 Development of user friendly guidance and fact sheets for purchasers

 Integration of specification into next Furniture contract; current contract expires Dec 2018



Other Considerations

- NASPO Value Point
- BIFMA Level Program







Thank You

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