# 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	
Recycline Services are offered	Feo, but not on	Yes, but not on		Yes, but not on	Yes, but not on	Tec, but not on	Yes - Recover	Yes, but not	Yes, but not	Yes, but not	Yes - See	Tes - See		
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



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# **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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