

Green Purchasing for Existing Buildings



September 28, 2011



Agenda

- **Welcome and Introduction**
- **Marcus Rivas, EPA**
- **Alicia Culver, RPN**
- **Q & A**
- **Green Building Application Details**



Questions?

Please enter your questions at any time through the GoToWebinar box on the right-hand side of your screen.

We will use them during Q & A at the end.



Upcoming RPN Green Building Webinars

- **Water-efficient products**
- **High-performance Lighting Equipment**
- **Renewable Energy**
- **Green Cleaning**
- **Purchasing for LEED EBOM**



If you are in EPA Regions 1, 4, 7, and 9, stay tuned to learn how to apply for technical assistance for your green purchasing initiatives





A word from our sponsor ... EPA's



Pollution Prevention Program



Measures of Success

- ❖ Reduce Greenhouse Gases
- ❖ Conserve water
- ❖ Eliminate toxic chemicals
- ❖ Save money



Measures of Success

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Benefits of Multi-Region Effort

- ❖ National scope
- ❖ New national Partnerships
- ❖ Improved assistance for Technical Assistance Programs
- ❖ Funding efficiency



Source Reduction Assistance

- ❖ Greener Purchasing
- ❖ Greener Siting/Re-purposing
- ❖ Greener Operating Rooms



EPA's Pollution Prevention Program

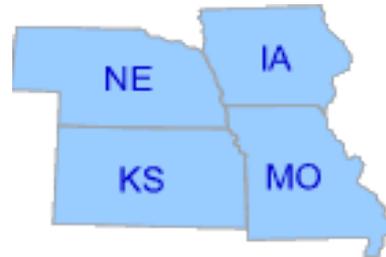
Northwest Division



Region 1



Region 4



Region 7



Region 9



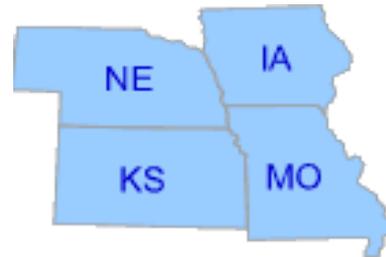
EPA's Pollution Prevention Program



Region 1



Region 4



Region 7



Region 9



EPA Source Reduction Assistance Contacts

<http://www.epa.gov/p2/pubs/local.htm>



Rivas.Marcus@epa.gov



EPA Source Reduction Assistance Contacts

Region 1 – New England

Rob Guillemmin Guillemmin.Robert@epa.gov



Region 2

Alex Peck Peck.Alex@epa.gov





EPA Source Reduction Assistance Contacts

Region 3 – Mid-Atlantic

Mindy Lemoine Lemoine.Mindy@epa.gov



Region 4 -Southeast

Pam Swingle Swingle.Pamela@epa.gov





EPA Source Reduction Assistance Contacts



Region 5 – Great Lakes

Donna Twickler Twickler.Donna@epa.gov



Region 6 -Southeast

David Bond Bond.David@epa.gov



EPA Source Reduction Assistance Contacts

Region 7 – Midwest

Marcus Rivas Rivas.Marcus@epa.gov



Region 8 – Mountains & Plains

Linda Walters Walters.Linda@epa.gov





EPA Source Reduction Assistance Contacts

Region 9 – Pacific Southwest

John Katz

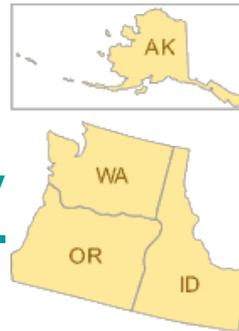
Katz.John@epa.gov



Region 10 – Pacific Northwest

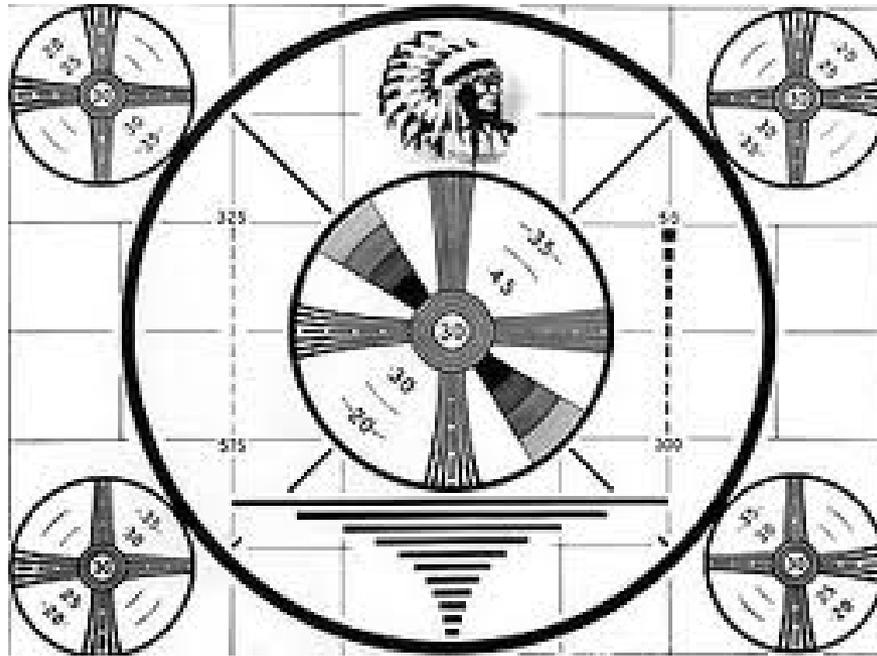
Robert Drake

Drake.Robert@epa.gov





We now return you to your regularly scheduled program ...



Green Purchasing for Existing Buildings



Alicia Culver
Responsible Purchasing Network

September 28, 2011



RPN

Nonprofit, ~200 members

- **States**
- **Local governments**
- **Federal agencies**
- **Colleges and universities**
- **School districts**
- **Businesses**
- **Non-profits**

RPN Mission

“Promote and practice responsible purchasing by identifying best practices, developing effective purchasing tools, educating the market, and using our collective purchasing power to maximize environmental stewardship, protect human health, and support local and global sustainability.”



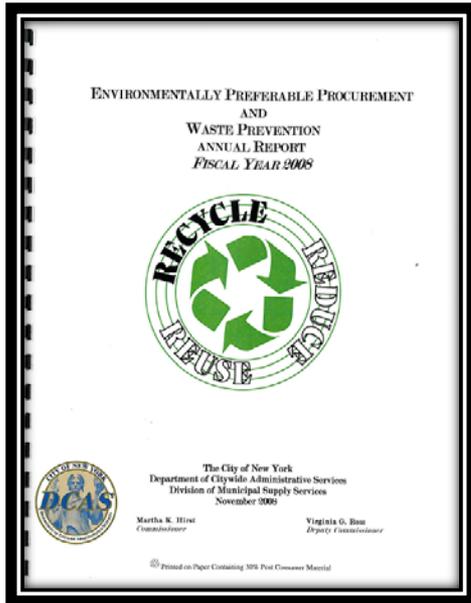
Overview

- **Adopting a Green Building Procurement Policy**
- **Greening the Building Envelope**
- **Specifying Green Building Equipment**
- **Procuring Green Cleaning and Maintenance Supplies**
- **Tracking and Reporting the Benefits of your Green Purchasing Activities**
- **Working together to make it easier**



Track and Report

Meet reporting requirements Measure success!



- **Determine quantity of “sustainable” goods and services used by your facilities**
 - ✓ **Identify challenges and opportunities**
 - ✓ **Plan for future efforts**
- **Identify cost impacts**
 - ✓ **Measure cost savings and increases**
 - ✓ **Demonstrate the financial case for Responsible Purchasing Program**



Policies for Greening Existing Buildings

- **Incorporate greening of existing buildings into your sustainable purchasing (EPP) policy**
- **Include procurement of sustainable products in your green building policy or Climate Action Plan**



Federal EO on Environmental Performance



Executive Order 13514, *Federal Leadership in Environmental, Energy, and Economic Performance* (October 5, 2009). Federal agencies shall:

- **increase energy efficiency and use of renewable energy**
- **buy energy-efficient, water-efficient, biobased, non-ozone-depleting, less-toxic, recycled-content, environmentally preferable products where such products and services meet agency performance requirements**



Green Purchasing Policy Goals

By incorporating environmental considerations into public purchasing, the City of San Jose, CA intends to:

- reduce impacts to human health and the environment;
- reduce its carbon footprint;
- remove unnecessary hazards from its operations;
- reduce costs and liabilities;
- fulfill its commitments under the City's Green Vision and Urban Environmental Accords;
- **meet LEED requirements for USGBC certification;** and
- improve the environmental quality of the region.



City of Portland, OR Green Building Policy

The City of Portland shall incorporate green building practices into the design, construction, **remodeling, and operation of all City-owned facilities. The intent of these practices is to provide environmental benefits, create local jobs, improve employee health, productivity and the quality of workspace, and generate lifecycle financial savings for the City.**

EXISTING BUILDINGS

- **All occupied, City-owned existing buildings will pursue LEED for Existing Buildings Operation and Maintenance (EBOM) certification at the Silver level.**



LEED for EBOM

Sustainable Purchasing, Green Cleaning, and Solid Waste Management Policies (Required)

Additional credits for purchasing

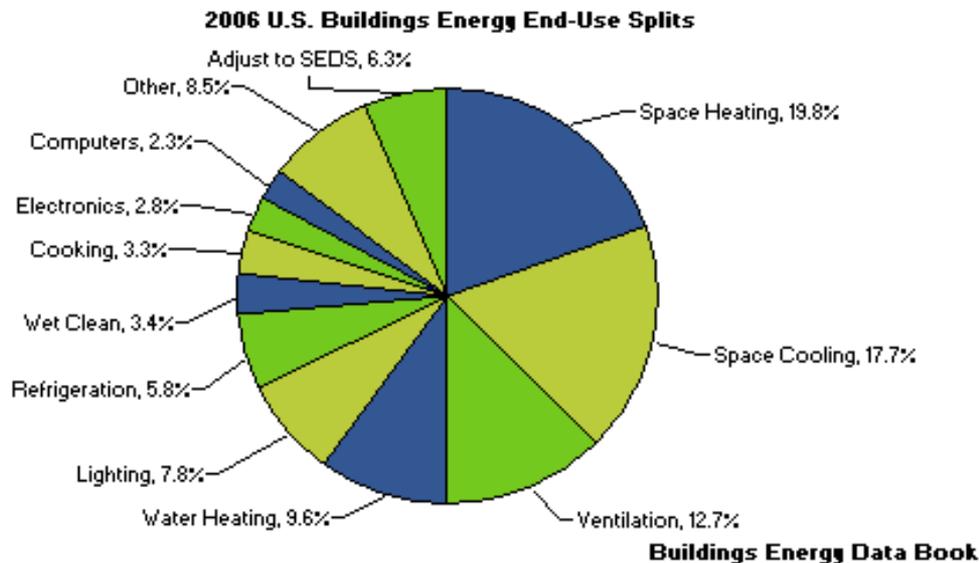
- **Electric-Powered Equipment**
- **Furniture**
- **Reduced Mercury in Lamps**
- **Green Cleaners**
- **Local/Sustainable Food**
- **Green Ongoing Consumables**



Energy Use of Buildings

US Green Business Council reports that in the United States, BUILDINGS account for:

- **70% of electricity consumption**
- **39% of energy use and carbon dioxide (CO2) emissions**



Source: US Department of Energy,
<http://buildingsdatabook.en.doe.gov/ChartView.aspx?chartID=1>



Energy-efficient Procurement Policies

**NY State EO 111 “Clean and Green”
State Buildings and Vehicles states:**

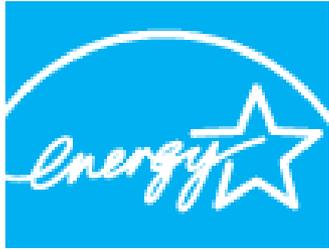


“State agencies **shall select ENERGY STAR energy-efficient products** when acquiring new energy-using products or replacing existing equipment.”



Federal agencies are **REQUIRED** to follow **ENERGY STAR** and **FEMP** Guidelines.





ENERGY STAR



Appliances: washers, dryers, dishwashers, refrigerators

Heating and cooling equipment: furnaces, boilers, air conditioners, fans, water heaters

Lighting equipment: CFLs, LEDs, Lighting fixtures

Miscellaneous: food service equipment, water coolers, vending machines, battery charging systems, windows and roofing products



ENERGY STAR-Qualified Water Heaters

**High-Efficiency
Gas Storage**



**Gas
Condensing**



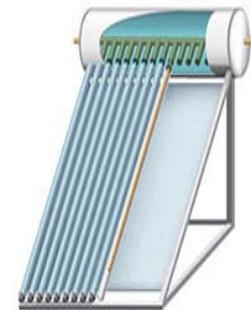
Heat Pump



**Whole-Home
Gas Tankless**



Solar



Appliances

CASE STUDY:

Chicago, IL public housing authority cut its annual electric bill \$500,000 by purchasing 10,000 ENERGY STAR refrigerators



Prioritize Energy Savings

Commercial ENERGY STAR Appliance	Lifetime (years)	Lifetime CO2 Reduction (lbs)	Lifetime Energy Use Reduction (kWh)	Net Lifetime Savings (\$)
Hi-Temp Conveyer Dishwasher (400 racks/day)	20	600,000	380,000	\$20,000
Hot Food Holding Cabinet (20 ft ³ , 15 hrs/day)	12	171,000	111,000	\$6,183
Vending Machine (600 cans, with software)	14	38,000	25,000	\$1,795
Refrigerator (44ft ³)	12	22,056	14,369	\$688
Ice Machine	8	20,000	13,000	\$618
Water Cooler (hot/cold water)	10	5,500	3,600	\$265



Top 10 EU for Public Buyers

Best of Europe – Professional

http://www.topten.eu/professional.html

Netflix 'Green' ligh...imes Online Yahoo! Google Maps YouTube News (354) Popular

topten.eu Best Products of Europe

Cars **Household** **Lamps** **Office Equipment** **Consumer Electronics** **Building Components**

Topten Pro
Purchasing guidance for professional buyers

- For buying the most efficient products on the market in Europe
- Range of compliant products can be checked on topten.info
- Criteria can be inserted directly into tender documents
- Regularly updated
- Simple to follow guidance based on public procurement rules

Topten Pro has been created to help public procurers and other professional buyers to make use of the Topten approach.

This means providing clear guidance on what criteria you should include in tendering in order to buy the most efficient products on the market.

Download procurement guidelines for

- Computer monitors: [pdf](#) or [word](#)
- Laser printers: [pdf](#) or [word](#)
- Laser multifunctionals: [pdf](#) or [word](#)
- Inkjet printers and multifunctionals: [pdf](#) or [word](#)
- Energy saving lamps: [pdf](#) or [word](#)
- Cars and vans: [pdf](#) or [word](#)

Sample tender documents for download (MS Word):

- [Computer monitors](#)
- [Laser printers](#)
- [Laser multifunctionals](#)
- [Inkjet printers](#)
- [Inkjet multifunctionals](#)
- [Energy saving lamps](#)
- [Cars and vans](#)



Top 10 USA Most Energy-efficient Products

The screenshot shows the homepage of the Top Ten USA website. At the top, there is a navigation bar with the logo "top ten USA" and the tagline "Energy-saving products. Because efficiency counts." Below the logo is a search bar labeled "Search Top Ten USA" and a "Home" button. The main navigation menu includes links for "Home", "How We Evaluate", "Rebates", and "About Us". A secondary menu lists product categories: "Refrigerators", "Freezers", "Televisions", "Computers", "Vehicles", "Dishwashers", "Clothes Washers", and "Monitors".

The main content area features a large promotional banner on the left with the text: "Save energy. Lower your bills. The most efficient products you can buy. Click any category to see the Top 10." Below this banner are logos for supporting organizations: EEA, WWF, SMUD, and RPN.

On the right side, there is a grid of product categories, each with a representative image and a label: "Top Ten Medium Televisions", "Top Ten Large Refrigerators", "Top Ten Laptop Computers", "Top Ten Large Televisions", "Top Ten Dishwashers", "Top Ten Freezers", "Top Ten Small Televisions", "Top Ten Small Clothes Washers", and "Top Ten Large Clothes Washers".

At the bottom of the main content area, there are two sections: "Top 10 Reasons to Go Energy Efficient" with a "#2" icon and a link "See All >", and "All about Energy New Ways to Save" with a link "See All >".

The footer contains a "Home" link, a list of product categories (Refrigerators, Freezers, Vehicles, Dishwashers, How We Evaluate, Rebates, Privacy Policy, Terms of Use), an "Energy Star" logo, and a sign-up prompt for the "top ten USA e-newsletter".



Cool Roofing Technologies

- Coverings
- Coatings
- Vegetation



Any roof replaced on a **City-owned facility** will have an “ecorooft” covering at least **70%** of the roof and high-reflectance **ENERGY STAR-rated** roof material on remaining roof areas, where practical. *City of Portland, OR*



Green Lighting Policy

NYC Local Law 119

Set minimum efficiency levels for all lamps purchased by City departments

- "Super T8s"
- "NEMA Premium Efficiency" electronic ballasts



“No lamp purchased or leased by any agency shall be an incandescent lamp if a more energy efficient lamp is available that provides sufficient lumens and is of an appropriate size for the intended application.”

www.nycouncil.info/pdf_files/bills/law05119.pdf





Green Lighting Specifications



**NEMA
Premium**

Model bid specifications

- Energy efficient lamps and ballasts
 - Long rated life
 - Low-toxicity
(RoHS-compliant for mercury and lead)
 - Recycling required by vendor
-
- ▶ Prohibits “red flag” products: (e.g., T12, T9 circular), and “preheat” fluorescents; mercury vapor lamps, standard incandescents, magnetic ballasts for fluorescent lamps
 - ▶ Works to lower prices on high-performance lighting equipment (e.g., LEDs and high-performance fluorescents)



ENERGY STAR-rated LED Lamps



- **Energy-efficient**
(75% less than incandescent)
- **Long life (15X longer than incandescent;
≥25,000 hours rated life)**
- **Mercury-free**
(replacement for CFLs)



Qualified list: www.energystar.gov



Renewable Energy Procurement Language

State of Colorado, EPP Policy (2009)

- **Energy buyers shall consider renewable energy resources *wherever practicable and economically feasible* through lifecycle analysis and allowable purchasing preference.**



Renewable Energy Procurement Decisions

- **Type: Solar, wind, geothermal, hydro, etc.**
- **On-site vs. Offsite generation**
- **Electricity vs. Renewable Energy Certificates (RECs)**
- **Large scale vs. Small scale**



Federal Government Increasing Use of Renewable Energy

US Army goal: 25% renewable energy by 2025



On Site Renewable Energy

Alameda County, CA

Two-time EPA Green Power Leadership Award winner



- **3.1 megawatts (MW) of onsite solar generation capacity at 9 County facilities**
- **10% of electrical needs in County facilities met with clean, reliable green power**
- **\$540,000/yr electricity savings (Santa Rita Jail project) www.epa.gov/greenpower/partners/index.htm**



Water Conserving Products

“The nation’s water and energy use are inextricably entwined. Energy is needed to pump, treat, transport, heat, cool, and recycle water.”

California Energy Commission

Running hot
water for
5 minutes

=

60 watt bulb
for 14 hours

**Water conservation saves energy
at ~60% of cost of energy conservation**



WaterSense-certified Products

The screenshot shows the EPA WaterSense Product Search page. At the top, the browser address bar displays 'http://www.epa.gov/WaterSense/product_search.html'. The EPA logo and navigation links are visible. The main content area features a 'Product Search' section with a search bar and a 'Click to Hide Additional Search Options' button. Below this, there are three input fields: 'Product Category' (with a dropdown menu showing 'Select One', 'Bathroom Sink Faucets/Accessories', 'Toilets', 'Flushing Urinals', and 'Showerheads'), 'Brand Name' (with 'All Brands' selected), and 'Model Name' (with 'All Models' selected). A 'Search' button is located at the bottom left of the search area.



Water-Conserving Toilets





Alternatives to Bottled Water

Colleges moving away from plastic water bottles

By Kirsti Marohn, USA TODAY

Updated 9/15/2011 1:31 AM

Comment 18

Recommend 2K

Tweet 129



Reprints & Permissions



Best Practice Require Claims to be Verified

“Suppliers citing environmentally preferred product claims shall provide proper certification or detailed information on environmental benefits, durability and recyclable properties.”

*Source: University of California Policy
on Sustainable Practices*



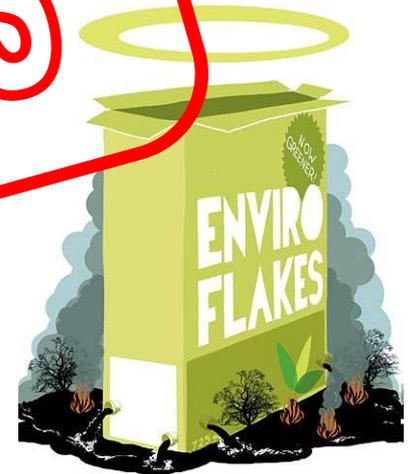
Environmental Claims Validated Mark



Environmental Claims Increasing

- Eco-safe
- Environmentally friendly
- Earth friendly
- Earth smart
- Environmentally safe
- Environmentally preferable
- Essential non-toxic
- Practically non-toxic
- Made with non-toxic ingredients
- Degradable
- Natural
- Environmentally safe
- CFC free
- Zero primary
- Recyclable

According to the FTC:
FALSE CLAIMS



Original Source: Kirsten Ritche, Gensler



7 “Sins” of Greenwashing

Fibbing
“Non-Toxic”

No Proof
“Just trust us”

Irrelevance
“CFC-Free”

Hidden Trade-Off
Compostable
food containers
with
“Teflon” coating

Sin of Vagueness
“100% Natural”

Lesser of Two Evils
Organic
cigarettes

**Worshipping
False Labels**



Beware of Manufacturer-created Eco-Labels



Evaluate Retailer Eco-labels

Welcome to Eco Options
Only at The Home Depot

Save Green.
Live Green.

HOME ENERGY EFFICIENT WATER CONSERVATION HEALTHY HOME CLEAN AIR SUSTAINABLE FORESTRY

Did You Know?
ENERGY STAR AWARD
EXCELLENCE IN PROMOTIONS
The Home Depot is a six time ENERGY STAR award winner.

The Home Depot Launches National CFL Bulb Recycling Program!

RECYCLING CENTER

SUSTAINABLE FORESTRY ENERGY EFFICIENT HEALTHY HOME CLEAN AIR WATER CONSERVATION TOUR THE ECO OPTIONS VIRTUAL HOME

ECO OPTIONS TOOLS
THD & The Environment
CFL Recycling
Green Know How
Home Efficiency Audit
Tax Credit Eligibility

Home | Sign In | Your Account | Register

GRAINGER
FOR THE ONES WHO GET IT DONE

Catalog 402 Find a Branch

Products Resources Services Worldwide

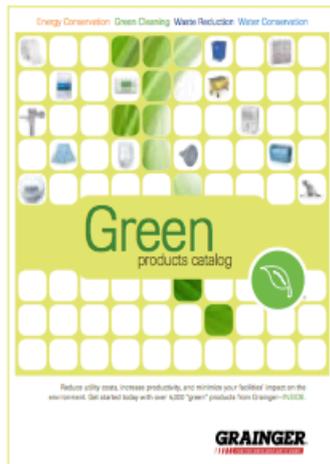
Product Categories

- Abrasives
- Adhesives, Sealants
- Cleaning
- Electrical
- Electronics, Appliances, Batteries
- Fasteners
- Fleet and Vehicle Maintenance
- Furniture and Furnishings
- HVACR
- Hand Tools
- American Recovery and Reinvestment Act (ARRA)
- Custom Product Center
- Emergency Preparedness
- Green**
- Industries and Government
- Productivity
- Product Resources
- Safety
- Small Business



Evaluate Retailer Eco-labels

Look behind eco-labels to understand what vendors are designating as “green”



Products that **conserve energy** reduce costs and emissions associated with the burning of fossil fuels.



Products that improve **indoor air quality** contain less toxins helping to provide employees, customers and janitorial staff with a safer environment to work and do business.



Products that **reduce waste** help preserve our natural resources. This category includes items that help promote recycling and those that are made from renewable resources.

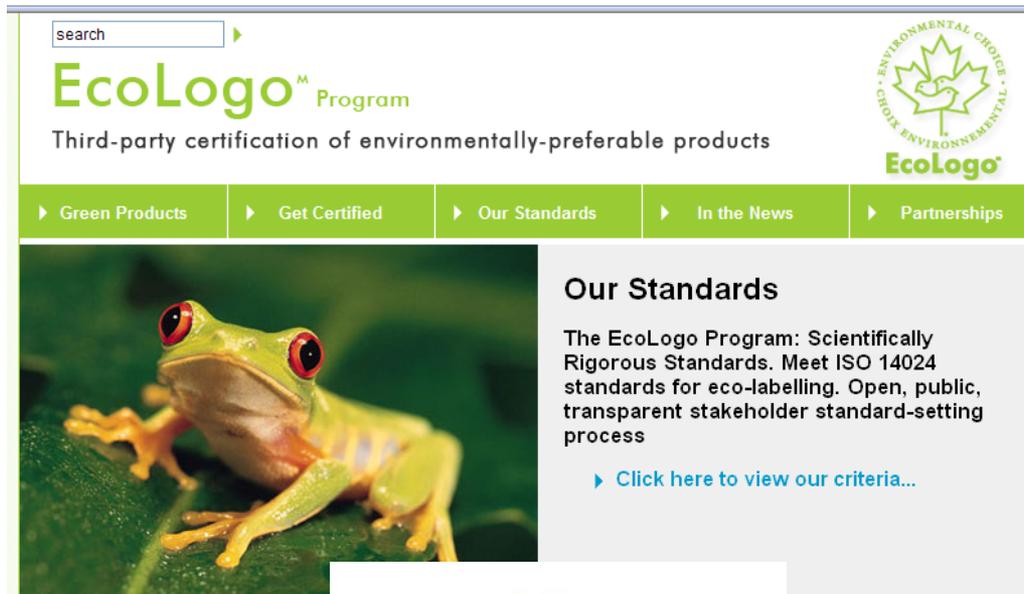


Products that **conserve water** help reduce water and sewer costs as well as preserve one of nature's most precious resources.



Best Practice

Choose Certified Green Products



search ▶

EcoLogo[™] Program

Third-party certification of environmentally-preferable products

ENVIRONMENTAL CHOICE
CHOIX ENVIRONNEMENTAL
EcoLogo

▶ Green Products ▶ Get Certified ▶ Our Standards ▶ In the News ▶ Partnerships



Our Standards

The EcoLogo Program: Scientifically Rigorous Standards. Meet ISO 14024 standards for eco-labelling. Open, public, transparent stakeholder standard-setting process

▶ [Click here to view our criteria...](#)



GREENGUARD

Certifies products that protect indoor air quality (are low-emitting):

- **Cabinetry**
- **Countertops**
- **Flooring**
- **Furniture**
- **Wood paneling**
- **Other types of construction materials**



The screenshot shows the homepage of the GREENGUARD Environmental Institute website. The header includes the logo and navigation links: "FIND PRODUCTS", "CERTIFICATION PROGRAMS", "RESOURCES", "ANSI", and "ABOUT GEI". A sidebar on the left lists various certification programs. The main content area features a search bar with filters for "Product Category" (Flooring), "Sub-Category" (Resilient), and "Type" (Rubber). Below the search bar, there are three product listings for "Advance", "Geode MD", and "Harmont", each with a small image and detailed certification information including the manufacturer (Mondo America Inc.), certification status (CERTIFIED), and certification period (04/2009-04/2010). A "QUICK PRODUCT SEARCH" box is also visible on the right side of the search area.



USDA Biobased Certified

Certifies products that contain plant-based ingredients:



- **Roof coatings**
- **Structural Wall Panels**
- **Sealants**
- **Lubricants**
- **Cleaning Products**
- **Paints and Coatings**



Green Cleaners & Floor Maintenance Products

- **Look for Green Seal- and EcoLogo-certified products**
- **Consider DfE-labeled products when certified products are unavailable (e.g., specialty cleaning products)**
- **Use metered dilution system (to reduce exposure and save money)**
- **Performance test, if possible**
- **Require vendor training & service**
- **Include “green” specs in cleaning service contracts**



Look for the label!



Low-Toxicity Painting Supplies

- **Specify Certified Low-Toxicity Latex Paints and Coatings**
 - ✓ **Green Seal, EcoLogo**
- **Performance test, if possible**
- **Include “green” specs in painting and renovation contracts**
- **Require vendors to “take-back” and recycle leftover paint**



Safer Pest Management Products and Services

Adopt IPM Policy

Appoint IPM Coordinator

Procure

- **Certified IPM services**
- **Non-chemical pest prevention products (e.g., traps)**
- **Safer pesticides (based on hazard prevention criteria)**



Forest Friendly Lumber, Flooring & Furniture



Carpeting

Specify (and verify compliance with) NSF/ANSI 140 (2007)

- **Recycled content**
- **No brominated flame retardants**
- **Manufacturer must meet minimum recycling goals**
- **Extra-credit for renewable energy during production**

Require vendors to recycle used carpeting





Reduce Battery Use and Waste



- Batteries increase price and environmental impact of equipment
- Factor in cost of battery replacement and disposal when ordering equipment
- Rechargeable batteries work well for many applications and have quick payback
- Use industry-financed battery recycling program



Reduce Municipal “Foodprint” of public agencies, meetings, special events, concessions, vending machines

- **Buy local, seasonal, fresh, unprocessed food; avoid frozen, air freighted food**
- **Reduce packaged food and beverages**
- **Purchase less red meat and dairy; substitute chicken, pork, fish, eggs & veggie proteins**
- **Buy sustainably grown food**
- **Minimize food waste; compost whenever possible**



Best Practice Performance Test



- **Engage end-users early**
- **Set performance criteria**
 - ✓ **Should be no trade-off**
- **Request product samples**
- **Conduct pilot tests**
 - ✓ **Try innovative products**
- **Only approve what works**



How to Pay for Green Buildings Products

- **Many “green” products less expensive upfront**
- **Life-cycle budgeting**
- **Revolving loans**
- **Grants**
- **Utility rebates**
- **Energy conservation service agreements**
- **Cooperative purchasing to lower costs**



“Best Value” Procurement Favors Efficient Products

Considers overall (life-cycle) costs of ownership:

- **Initial price**
- **Utility costs** (energy, water)
- **Maintenance costs** (labor and replacement)
- **End-of-life costs** (disposal and recycling)



Refurbished Furniture

CASE STUDY:

Multnomah County, OR

- **Contract for furniture refurbishment and recycling services reduces need for new furniture**
- **Local governments can piggy back**
- **36 tons of furniture recovered for refurbishment or recycling in one year**



<http://web.multco.us/sustainability/sustainable-purchasing>

Recycled Paint



CASE STUDY

Portland, OR found locally-made 100% recycled paint:

- ✓ costs 75% less than virgin latex paint
- ✓ meets high performance standard
- ✓ can be tinted to match specifications



- Three states (CA, OR, CT) have adopted Paint Product Stewardship Laws, CT)
- CA DGS has a contract for Green Seal-certified recycled latex paint (Visions brand)





RESPONSIBLE PURCHASING GUIDE

saving green

Best Practice

Reduce Transportation Impacts

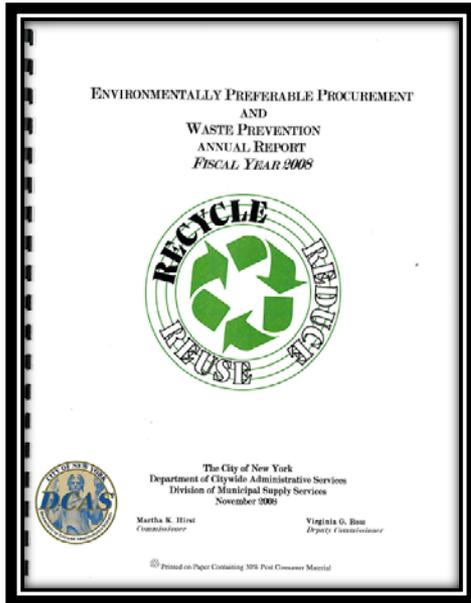
- **Avoid overnight shipping, whenever possible**
- **Ask vendors to offer incentives for reducing the frequency of deliveries**
- **Reduce packaging, buy concentrated products**
- **Support local manufacturers & vendors, particularly certified-green businesses**



Track and Report



Meet reporting requirements Measure success!



- **Determine quantity of “sustainable” goods and services used by your facilities**
 - ✓ **Identify challenges and opportunities**
 - ✓ **Plan for future efforts**
- **Identify cost impacts**
 - ✓ **Measure cost savings and increases**
 - ✓ **Demonstrate the financial case for Responsible Purchasing Program**



Best Practice

Ask Suppliers to...

- Give you their highest discounts on their “green” products
- Clearly label products that meet YOUR environmental criteria
- Require “greenest” products to be listed first via online searches
- Substitute (or suggest) green products when conventional items ordered
- Periodically report “green” spend \$



Cost-Saving Strategy

Collaborate

- ✓ **SAVE TIME** by not “reinventing the wheel” by sharing research, specifications, bid solicitation documents, and vendor lists to create new “green contracts
- ✓ **SAVE MONEY** by aggregating demand from multiple jurisdictions



Thank You!



Alicia Culver

Responsible Purchasing Network

Alicia@responsiblepurchasing.org

510.547.5475

www.responsiblepurchasing.org



RPN Resources



- *Responsible Purchasing Guides* for 15 product categories



- **Webinars on “green” procurement issues**
- **Quarterly newsletter highlighting “green” purchasing activities and resources**



- **Sustainable purchasing policies and specifications**



- *Model Responsible Purchasing Report*
- **Calculators and other tools**



RPN Purchasing Guides

Contents:

- Overview
- Social and Environmental Issues
- Best Practices
- Cost, Quality, and Supply
- Policies
- Specifications
- Standards
- Definitions
- Case Studies
- Calculators



Product Categories:

- Bottled Water Alternatives
- Carbon Offsets
- Cleaners
- Computers
- Copy Paper
- Fleets Vehicles
- Fluorescent Lights
- Food Services
- LEDs
- Graffiti Remover
- Green Power
- Office Machines
- Paint
- Toner Cartridges
- Tires, Wheel Weights



Upcoming Webinar

Green Purchasing 2.0: No Compromising on Cost & Performance

Thursday, October 13, 2011
2:00 PM - 3:15 PM Eastern Time

<https://www2.gotomeeting.com/register/736285922>





Join RPN

Because Every Purchase Matters.

Membership Benefits:

- ▶ **Model policies and specifications**
- ▶ **Green purchasing webinars**
- ▶ **Certified green products database**
- ▶ **Expert sustainability speakers**
- ▶ **Responsible Purchasing Awards**

Consulting Services:

- ▶ **Custom green specifications**
- ▶ **Green purchasing policies**
- ▶ **Life Cycle Analyses**
- ▶ **Green office audits**
- ▶ **Cost-saving green practices**



Prioritization Poll

Which of the following product categories are you planning on incorporating green changes into within the next year?

Please answer now.



RPN's Green Building Initiative

Projects may include:

- Creating “green” purchasing specifications
- Reviewing bid responses
- Facilitate cooperative contracting opportunities for green building products or services
- Other green building initiatives with measurable results

ELIGIBLE EPA REGIONS

- 1: Connecticut, Maine, Massachusetts, Rhode Island, Vermont, New Hampshire
- 4: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee
- 7; Nebraska, Kansas, Missouri, Iowa
- 9: Alaska, California, Hawai'i, Nevada



RPN's Green Building Initiative

Application details

- Download application at www.responsiblepurchasing.org/buildings
- Applications accepted until December 31, 2011
- Send to Phillip Kobernick at phillip@responsiblepurchasing.org
- Questions?
Call us at 510.547.5475

