



EPA ASSESSMENT AND RECOMMENDATION OF PRIVATE SECTOR STANDARDS & ECOLABELS:

Pilot Results, Implementation, and You

ISWG
May 2017



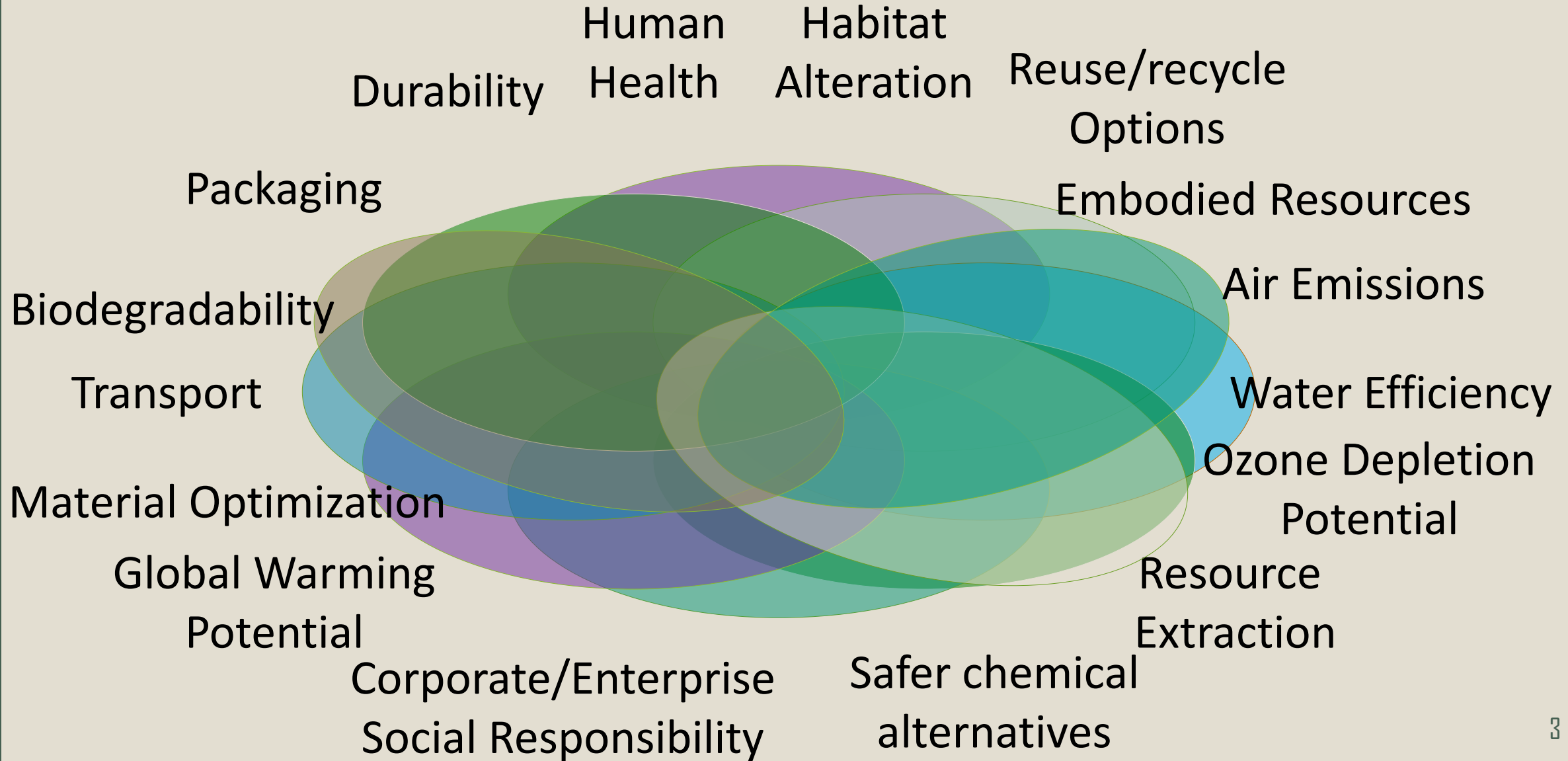


AGENDA

- EPA Environmentally Preferable Purchasing Program Orientation
- 2016 Pilot Results: The Recommendations of Specifications, Standards, and Ecolabels
- Implementation in 2017
 - *Integrating the EPA Recommendations into federal procurement (Category Management & GreenCheck)*
 - *Tools for future assessments of standards & ecolabels based on pilot learnings*
- Key Questions for ISWG



A COMPLEX SET OF HOTSPOTS FACING PURCHASERS...





THE ENVIRONMENTALLY PREFERABLE PURCHASING PROGRAM

- Coordinate and provide **EPA technical input** for key product sustainability standard development efforts
- **Assess and recommend** standards & ecolabels
- **Help federal agencies procure** products and services conformant with our recommended standards and ecolabels
- **Measure** the economic and environmental benefits of this work

ECOLABELS FOUND IN THE US MARKETPLACE IN 1995



ECOLABELS FOUND IN THE US MARKETPLACE IN 2011 (70+)

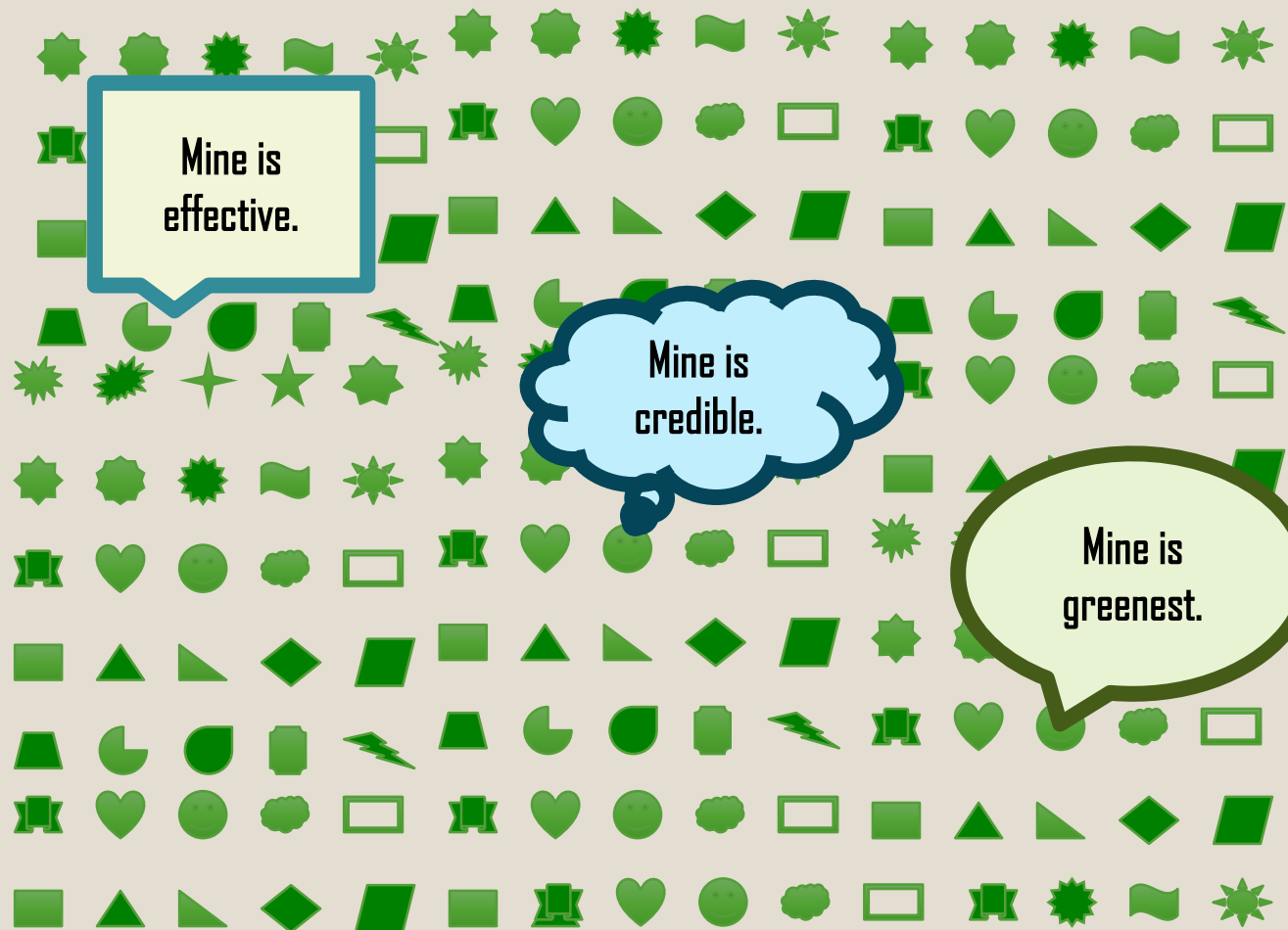


ECOLABELS FOUND IN THE GLOBAL MARKETPLACE TODAY (400+)





AN INCREASINGLY COMPLEX MARKETPLACE OF MESSAGING –



...AND IT'S A GOOD PROBLEM TO HAVE!

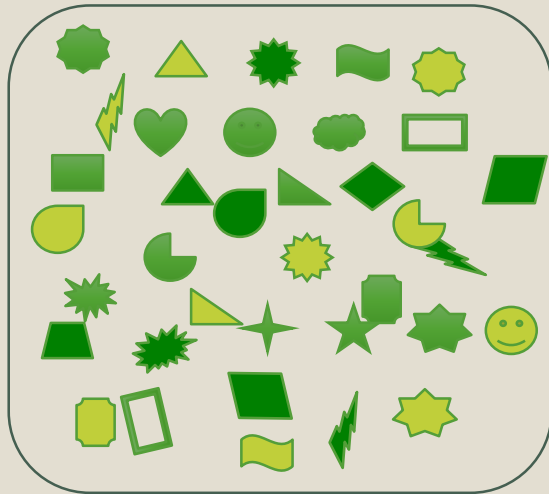


APPROACH: EPA RECOMMENDATIONS

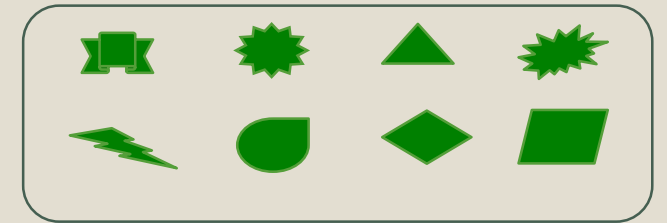
Leveling the Playing Field & Bringing Clarity to the Marketplace

Global Marketplace

400+



EPA Recommended Standards & Ecolabels



Independent Assessment
Based on multi-stakeholder developed

EPA GUIDELINES

OR

Review and use by another federal
agency

(currently DOE or GSA PBS)

MANY ISSUES FOR EPA & THE PILOT PANELS & GOVERNANCE COMMITTEE





PILOT APPLICANT COMMUNITY

- Approximately 20 organizations submitted ~50 standards/certifications/ecolabels for assessment
 - *Component-specific (wood, textiles) and finished product standards*
 - *Sector-specific standards (NSF 140-Carpet) and standards applicable to multiple product types (Cradle to Cradle)*
 - *Multi-impact/lifecycle stage and single-impact/lifecycle stage*
 - *Programs with certification integrated (GreenSeal), open to others that are accredited (BIFMA), and many other models*



EPA GUIDELINES FOR ASSESSING ENVIRONMENTAL PERFORMANCE STANDARDS AND ECOLABELS

Section I - Standard Development Process

- Assessment Criteria & Example Sources of Evidence

Section II - Environmental Effectiveness

- Assessment Criteria & Example Sources of Evidence

Section III - Conformity Assessment Procedures

- Assessment Criteria & Example Sources of Evidence

Section IV - Ecolabel Program Management

- Assessment Criteria & Example Sources of Evidence



EPA RECOMMENDATIONS OF NON-FEDERAL STANDARDS & ECOLABELS



epa.gov/greenerproducts



HIERARCHY OF PREFERENCE

- 1st Choice: effective multi-attribute standards and ecolabels for which EPA has been able to confirm the availability of a competent certification body
- 2nd Choice: effective multi-attribute standards and ecolabels for which EPA has NOT been able to confirm the availability of a competent certification body
- 3rd Choice: Effective/relevant single attribute / single material standards and ecolabels
- PLUS specifications to fill gaps in standards...



FLAME RETARDANT SPECIFICATION FOR FURNITURE

Hazardous Flame Retardants:

Upholstered products shall meet Technical Bulletin 117-2013 (California's furniture flammability standard) and must comply with the labeling requirements of California Senate Bill 1019, which was passed on September 30, 2014, and requires a label indicating whether the product contains or does not contain added Flame Retardants.



IAQ/EMISSIONS SPECIFICATION FOR FURNITURE, CARPET, AND OTHER FLOORING

Since some standards meet this critical Guideline through an optional credit or do not address VOCs at all (i.e., other single attribute standards):

EPA Recommends the following Indoor Air Quality/VOC Emission specifications, where applicable:

- **For Furniture:**

Products shall meet ANSI/BIFMA X7.1 Standard for Formaldehyde and TVOC Emissions, or equivalent.

- *Note: Beginning December 2017, products shall instead meet the emissions requirements of BIFMA e3 criterion 7.6.2, or equivalent.*

- **For Flooring:**





Products shall meet the California Department of Public Health (CDPH) Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1-2010. (This is the VOC emission testing method for California Specification 01350.)








CONTEXT: FEDERAL GREEN PURCHASING REQUIREMENTS

To the extent practicable & applicable, products/services purchased by feds must meet the following:

Mandated by name in statutes

 BioPreferred (Farm Security & Rural Investment Act)	 CPG (RCRA)	 ENERGY STAR (Energy Policy Act 2005)	 FEMP Federal Energy Management Program (Energy Policy Act 2005 & EISA)
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<p>Other EPA programs to help meet fed purchasing reqs</p>	<p>OR</p>	<p>EPA recommended non-federal standards/labels/specs (NTAA and OMB A-119)</p>
    <p>(48 CFR 23.703)</p>		

<https://sftool.gov/greenprocurement>



OTHER RESOURCES ON THE SITE

Recommendations of Sp X Alison

Secure | <https://www.epa.gov/greenerproducts/recommendations-specifications-standards-and-ecolabels-federal-purchasing>

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Sustainable Marketplace: Greener Products and Services

Sustainable Marketplace Home

Consumers

Identify Greener Products and Services

Why Buy Greener Products?

Federal Purchasers

Electronic Product Environmental Assessment Tool (EPEAT)

About the Environmentally Preferable Purchasing Program

Recommendations

Institutional Purchasers

Manufacturers

Selling to the Federal Government

Introduction to Ecolabels and Standards

Frequent Questions

Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing

The [recommendations of specifications, standards, and ecolabels](#) are intended to help federal purchasers identify and procure environmentally sustainable products and services. Part of the recommendations are based on an independent assessment of private sector environmental performance standards and ecolabels against the multi-stakeholder developed [EPA Guidelines for Environmental Performance Standards and Ecolabels](#).

Where an independent assessment of a standard or ecolabel against guidelines does not exist, the recommendations are based on specifications, environmental performance standards and ecolabels selected and utilized by other agencies. Currently, the recommendations include standards and ecolabels from:

- [Department of Energy's \(DOE's\) FY17 Priority Products List](#)
- [General Services Administration's \(GSA's\) Key Sustainable Products](#)

In general, the recommendations give preference to multi-



[Click image for larger version.](#)
The full list of recommendations is

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IMPLEMENTATION FOCUS IN 2017: Integrating EPA Recommendations into Federal Procurements

- *Improving clarity/organization of EPA Recommendations*
- *Assisting OMB, GSA in streamlining federal procurement through category management with a focus on IT and Facilities & Construction*
- *Providing model contract language and guidance to vehicle owners*
 - *Building on existing contract language from "Best in Class" contract vehicles*
- *Providing measurement and recognition*

✓ Green Check



BACKGROUND ON
















✓ Green Check

- 2015 OMB / CEQ request on integrating federal sustainability requirements into CAP (Common Acquisition Platform) & AG (Acquisition Gateway)
- Engaged 40 procurement/sustainability leaders/experts/stakeholders from 10 agencies
- First, IT hardware hallway / spend categories
- Now Facilities & Construction Hallway



✓ Green Check

FOR FEDERAL IT PURCHASING

 National Institutes of Health	<h3>NITAAC CIO-CS</h3> <p>Managed By: NIH IDIQ GWAC</p> <p>Our newest GWAC, CIO-CS, covers any commercial item that can be purchased at fixed price, using one of these two models: 1. On-Premise Model: deploy commodities and products onsite either within the Government site or at a contractor ...</p> <p>View Details</p>	<p>Fee: 0.35%</p> <p>Availability: All DoD and Civilian Agencies</p> <p>✓ Green Check</p>	<p><input type="checkbox"/> Compare</p> <p>Solution Website</p> <p>Contract</p>	<p> </p> <p> 3</p> <p> Recommend</p>
	<h3>Schedule 70: Information Technology</h3> <p>Managed By: GSA MAS</p> <p>Schedule 70 covers general purpose commercial information technology equipment, software, and services.</p> <p>View Details</p>	<p>Fee: 0.75% (built into catalog price)</p> <p>Availability: All DoD and Civilian Agencies</p> <p>✓ Green Check</p>	<p><input type="checkbox"/> Compare</p> <p>Solution Website</p> <p>Contract</p>	<p> </p> <p> 5</p> <p> Recommend</p>
	<h3>SEWP</h3> <p>Managed By: NASA GWAC</p> <p>Solutions for Enterprise-Wide Procurement (SEWP, pronounced 'soup'), is a multi-award Government-Wide Acquisition Contract (GWAC) vehicle focused on IT products and product based services. The 37 pre-competed Contract Holders offer a wide ...</p> <p>View Details</p>	<p>Fee: 0.39%</p> <p>Availability: All DoD and Civilian Agencies</p> <p>✓ Green Check</p>	<p><input type="checkbox"/> Compare</p> <p>Solution Website</p> <p>Contract</p>	<p> </p> <p> -1</p> <p> Recommend</p>



✓ Green Check

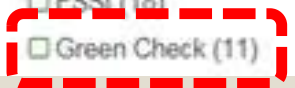
FOR FEDERAL IT PURCHASING

SOLUTIONS FINDER

- DoE (164)
- DHS (182)
- DoI (164)
- DoJ (165)
- DoL (164)
- DoT (165)
- Ed (164)
- EPA
- GSA (165)
- HHS (172)
- HUD (164)
- IRS (164)
- NASA (169)
- State (164)
- Treasury (164)
- USDA (164)
- VA (169)
- Other Federal Agency (167)

Gov-wide Initiative

- Best In Class (BIC) (13)
- ESS (18)
- Green Check (11)



Showing 164 results of 232 [Reset](#) [Share](#)

Note: If you are interested in submitting your agency's solution to be included, please email SFAdmin@gsa.gov.



Connections II

Managed By: GSA

IDIQ

Green Check

Connections II provides telecommunications in a building or campus, while GWACs provide a broad spectrum of IT solutions.

[View Details](#)



DPI: Digital Printing & Imaging

Managed By: USAF

BPA

Green Check

The Air Force Information Technology Commodity Council (ITCC) has established the Digital Printing & Imaging (DPI) to be the strategic sources of supply for network printers, network multi-function printers (MFPs), associated toner/ink ...

[View Details](#)



AG FACILITIES & CONSTRUCTION HALLWAY: STATUS

Contract Vehicle	Agency Owner	# of product types with required ecolabels covered by this contract vehicle	# of those product types with proper references to ecolabels	# of those product types without proper references to ecolabels
BMO FSSI	GSA	28	20	8
JanSan FSSI	GSA	TBD	TBD	TBD
Schedule 03FAC	GSA	TBD	TBD	TBD
Schedule 5IV	GSA	TBD	TBD	TBD
Schedule 56	GSA	TBD	TBD	TBD
Schedule 73	GSA	TBD	TBD	TBD
UNICOR	Prisons	TBD	TBD	TBD



SAMPLE GREENCHECK CONTRACT LANGUAGE FOR THE BMD RFP AND OTHER F&C VEHICLES

- At the **master contract level**, calls on offerors to provide green products to the maximum extent possible.
- At the **purchase order level**, federal buyers are required to purchase green products unless an exception applies (price, performance or delivery)



SAMPLE GREENCHECK CONTRACT LANGUAGE FOR THE BMD RFP AND OTHER F&C VEHICLES

The Contractor shall provide products that comply with the federal sustainable acquisition policy, as outlined in [FAR Subpart 23.1](#), during performance of this contract unless authorized in writing at a task order level. This requires the Contractor to supply or provide environmentally sustainable (i.e., green) products to the maximum extent possible without jeopardizing the intended end use or detracting from the overall quality delivered to the end user. This includes products that are:

1. Delivered to the Government during performance;
2. Acquired by the Contractor for use in performing services at a Federally-controlled facility; or
3. Furnished by the Contractor for use by the Government.

“Sustainable products and services” means products and services, including construction, that—

Statutory mandates. Meet statutory mandates for purchasing—

CPG
ENERGY STAR®
FEMP
BioPreferred®

EPA programs. Are identified by EPA programs, including—

SNAP ...
WaterSense® ...
Safer Choice ... and
SmartWay® ...

Environmental preferability beyond EPA programs. Are environmentally preferable products or services that—

Meet or exceed specifications, standards, or labels recommended by EPA, see <https://www.epa.gov/greenerproducts>; ...

Renewable energy. Are purchased renewable electric energy or purchased alternative energy ...



NEXT STEPS FOR THE GUIDELINES & RECOMMENDATIONS: INTEGRATING LESSONS FROM THE PILOT

- *New cross-sector iteration of the Guidelines based on pilot learnings and stakeholder feedback*
- *"How to" Manual for Independent Assessment Entities*



KEY QUESTIONS FOR ISWG

- Feedback on the 2017 implementation focus?
 - *Acquisition Gateway contract vehicles via GreenCheck*
 - *Guidelines & Assessment Manual so others may build on this work*
- Other ideas/feedback?
 - *Unified Facilities Guide Specs & GSA's P100*
 - *Relationship to Guiding Principles?*
 - *Encouraging ecolabel and certification programs to share and standardize their data for easier uptake in e-procurement systems*

"EPA's identification of standards and ecolabels for use by Federal agencies has been a godsend. We are always looking for ways to make it easier for our contractors to buy green consistent with Federal requirements. The EPA Recommendations make it simple for our contractors to locate compliant products, reduce supply chain risk through enhanced product integrity, and enable the many US businesses that use private sector standards and/or ecolabels to demonstrate the environmental preferability of their products."

Rebecca Stevens
PBS Sustainable Purchasing Lead
Office of Acquisition Management & Policy
GSA Public Buildings Service



FEEDBACK? QUESTIONS?

EPA's "Sustainable Marketplace: Greener Products & Services":

<http://www.epa.gov/greenerproducts>

Green Procurement Compilation: <https://sftool.gov/greenprocurement>

U.S. policy and information resources on standards: <http://standards.gov>

Alison Kinn Bennett – Kinn.Alison@epa.gov 202-564-8859



BACKPOCKET SLIDES













































EPP PROGRAM AUTHORITIES & CURRENT STATUS

- The P2 Act [42 U.S.C.A. §13103(b)(11)]
- Various clauses and subparts of FAR 7, 11, 12, 13, and 23
- Executive Orders for environmental leadership in the Federal government since 1993
 - *FAR Case to integrate EO 13693 into the Federal Acquisition Regulations moving forward; public comments to be considered*
- National Technology Transfer and Advancement Act & OMB Circular A-119












Custodial Product Categories

Cleaners: Carpet, Glass, Multipurpose	Floor Care	Hand Soap
<p>Named in statutes:</p> 	<p>Named in statutes:</p> 	<p>Named in statutes:</p> 
<p>Plus at least 1 of following:</p>  <p>Meets U.S. EPA Safer Product Standards epa.gov/saferchoice</p>  	<p>Plus at least 1 of following:</p>  <p>Meets U.S. EPA Safer Product Standards epa.gov/saferchoice</p>  	<p>Plus at least 1 of following:</p>  <p>Meets U.S. EPA Safer Product Standards epa.gov/saferchoice</p>  
Towels-Paper	Wastebasket Liners (24" x 33" or smaller)	Toilet Tissue
<p>Named in statutes:</p> 	<p>Named in statutes:</p>  	<p>Named in statutes:</p> 
<p>Plus the following:</p> 	<p>Plus the following:</p> 	<p>Plus the following:</p> 

Construction Product Categories

Adhesives	Insulation	Ceiling Tiles- Acoustical	Fiberboard, Gypsum Panels, and Wallboard
<p>Named in statutes:</p> 	<p>Named in statutes:</p>   	<p>Named in statutes:</p> 	<p>Named in statutes:</p>  
<p>Plus at least 1 of following:</p>     	<p>Plus at least 1 of following:</p>   	<p>Plus at least 1 of following:</p>   	<p>Plus at least 1 of following:</p>   

Construction Product Categories

Flooring	Carpet	Interior Latex Paint
<p>Named in statutes:</p> 	<p>Named in statutes:</p> 	<p>Named in statutes:</p> 
<p>Plus at least 1 of the following:</p> <p>1st Choice</p> 	<p>Plus at least 1 of the following:</p> <p>1st Choice</p> 	<p>Plus at least 1 of the following:</p> <p>1st Choice</p> 
<p>2nd Choice</p> 	<p>2nd Choice</p> 	<p>2nd Choice</p> 
<p>3rd Choice</p> 	<p>3rd Choice</p> 	<p>3rd Choice</p> 