



*How to Green Your Procurement of Computer
Desktops, Laptops, and Monitors with the
Electronic Product
Environmental Assessment Tool*

*By Holly Elwood, EPA
For the Federal Electronics Stewardship Conference
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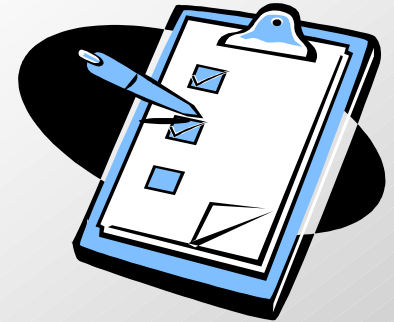
Agenda

- What is EPEAT?
- Status of EPEAT development
- Who is using EPEAT
- How you can use EPEAT



Why **EPEAT** ?

- Promote product design changes that reduce environmental and health impact of electronics throughout the life cycle
- Growing demand by institutional purchasers for easy to use tool to compare and select “green” products
- Manufacturers’ need for clear, consistent procurement criteria

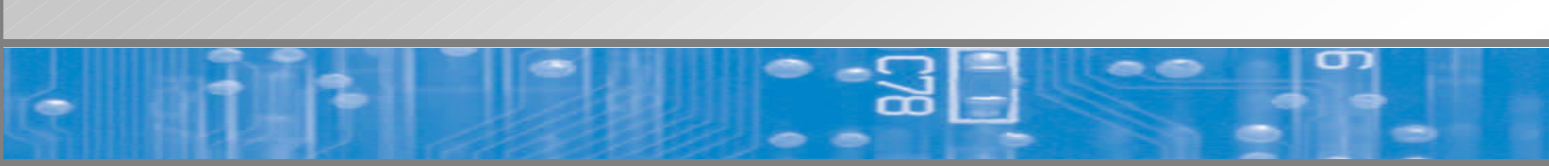




*What is **EPEAT** ?*

An environmental procurement tool designed to help institutional purchasers in the public and private sectors evaluate, compare and select computer desktops, laptops and monitors based on their environmental attributes.





The Essence of EPEAT

- 1) Set of voluntary environmental performance criteria
- 2) System for identifying and verifying products which meet this criteria



Who Developed **EPEAT** ?

- Cooperative Agreement between EPA and Zero Waste Alliance and EPA
- Development Team:
 - Manufacturers – Dell, HP, IBM, Apple, Panasonic, Sharp, EIA
 - Purchasers – EPA, DOI, GATX, Pitney Bowes, State of MA, State of OR, State of CA, City of Seattle, Federal Electronics Challenge
 - NGOs – SVTC, Center for a New American Dream, Inform, H2E, NERC
 - Governments – Federal, State and Local
 - Recyclers - United Recycling, Waste Management, IAER
 - Academia – Tufts, NJIT
- Development Team task: Create EPEAT concept



Development Team Accomplishments

- Established Structure of Tool
 - 3 tiers of Environmental Performance
 - Self declaration
 - Random verification spot checks
- Drafted multi-attribute environmental criteria, building on existing systems



Environmental Performance Categories

- Environmentally Sensitive Materials
- Materials Selection
- Design for End of Life
- Product Longevity/Life Cycle Extension
- Energy Conservation
- End of Life Management
- Corporate Performance
- Packaging



EPEAT System – *How It Will Work*

- **Manufacturer**
 - Signs MOU with EPEAT Host Organization
 - Completes annual report on corporate performance and end-of-life management criteria
 - Evaluates and self-declares products against criteria
 - Submits data on web-based system, which calculates award level
- **EPEAT Organization**
 - Random after market spot checks
 - Periodic review and update criteria
 - Market to purchasers, vendors



How Will EPEAT Help Me Meet My FEC Goals?

- Gives you:
 - Set of green criteria for computers
 - List of products meeting this criteria
 - Verification that products meet this criteria
 - Set of Environmental Performance Measures
 - Coming soon: federal requirement to buy EPEAT registered products by putting it into the Federal Acquisition Regulations



Implementation Status

- Selected Host Organization (January 2006)
- Finalizing criteria into an IEEE American National Standard (Spring 2006)
- Finalizing web-based interface for product qualification
- Promoting EPEAT to manufacturers, purchasers
- Launch expected June 2006



Who is Using *EPEAT* ?

Dept. of Defense, Army	5.0B
Dept. of Homeland Security	6.0B
Dept. of Energy	0.4B
Veterans Administration	4.2B
Dept. of Interior	0.2B
State of Massachusetts	0.8B
Total	\$16.6B+



Example: EPEAT Language in DHS IT Contract

- Excerpt from FirstSource:
 - **C.4.1.4 System Requirements** “...The Contractor is advised that DHS is an active participant in the Federal Electronics Challenge program. During the term of this contract, the Government reserves the right to purchase exclusively or otherwise provide preference for specific models of desktop computers, notebooks and monitors qualified through the Electronics Products Environmental Assessment Tool (EPEAT) or its successor.”



Coming Soon....

- EPA Agencywide IT BPA
- State of California (\$500 million dollars in annual IT purchases)
- NASA Government Wide Acquisition Contract (approx. \$4 billion)
- Large Hospital Group Purchasing Organization IT Contract



What can YOU do?

- If you are not the IT purchaser in your office, find out who is and offer to help them buy EPEAT registered products
- Ask me to meet with your IT purchasing group
- Share sample EPEAT contract language with your IT group
- Go to www.epeat.net to see the list of EPEAT registered products when you are doing your market research as part of your IT purchasing process. Bring this information into your purchasing process.
- Find your Agency leads on the Strategic Sourcing Initiative, and make sure they know about your FEC commitments!



For more information

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