

Greening Office Electronics & Computers

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Greening Office Electronics Webcast
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www.ResponsiblePurchasing.org





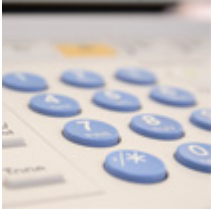
Social & Env. Problems

- ▶ Office equipment consumes $\frac{1}{4}$ of a building's energy
 - 74b kWh/year = 7m households
- ▶ E-waste = 5% of U.S. solid waste
 - 3-5% annual increase – nearly 3x times faster than overall waste stream
 - The waste contains toxics and recyclables



Social & Env. Problems

- ▶ 100 million computers scrapped worldwide each year
- ▶ Discarded computers and office electronics account for:
 - ▶ 40% of lead in landfills
 - ▶ 70% of heavy metals, including mercury and cadmium, in landfills



Best Practices

- ▶ Involve stakeholders
- ▶ Measure and manage
- ▶ Set goals
 - Reduction
 - Efficiency
 - Standards (ENERGY STAR, EPEAT, EcoLogo)



Cost, Quality, Supply

- ▶ ENERGY STAR is 60% more efficient than industry average
- ▶ One multi-function machine saves 150% in costs over single-function
- ▶ 571 EPEAT rated computers, 1000s of ENERGY STAR electronics
- ▶ Quality & performance are competitive



Standards



ENERGY STAR

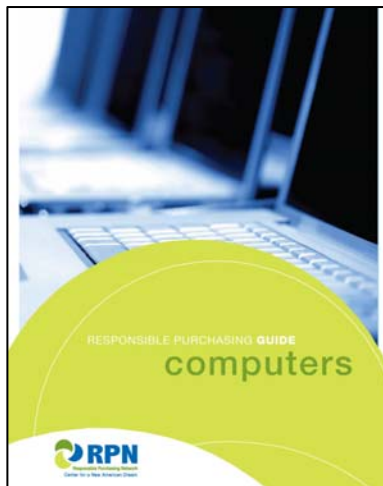


EcoLogo



EPEAT - \$250 billion in contracts

- San Jose, CA, first city to spec EPEAT



RPN Resources

- ▶ Responsible Purchasing Guides
 - Computers and Office Electronics
 - Web-based and PDF format
- ▶ Sections:
 - Social & environmental issues
 - Best practices
 - Cost, quality, & supply
 - Policies, specs, & standards
 - Searchable products database

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