

# **ENVIRONMENTALLY PREFERABLE PURCHASING RESOURCES**

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The following list of environmentally preferable purchasing (EPP) resources was compiled from information provided by Pacific NW Pollution Prevention Resource Center, the Center for a New American Dream, and the Network for Business Innovation & Sustainability NW. This represents a sampling of Web sites and resources with many links available at each site. Resources are provided in the following categories:

## **I. General EPP Resources**

- Private and Non-profit Organization Resources
- Federal Government Resources
- State and Local Government Resources
- Canadian Government Resources
- PowerPoint Presentations
- Publications
- Tools and Databases
- Listservs
- Other Resources

## **II. Product Categories**

- Building Repair and Renovation and Green Buildings
- Paint Resources
- Cleaning Product Resources
- Forest and Paper Products
- Office Products and Furniture
- Office Equipment
- Alternative Fuel Vehicles and Automotive Supplies
- Fluorescent Lighting
- Energy
- Textiles
- Integrated Pest Management and Landscaping Resources

## **III. Environmental Standards**

- United States
- International

## **I. GENERAL EPP RESOURCES**

### **Private and Non-Profit Organization Resources**

- **Global Environmental Management Initiative (GEMI)** is a non-profit organization of major companies dedicated to promoting a business ethic for environmental, health, and safety management and sustainable development through example and leadership. [www.gemi.org/newpath.pdf](http://www.gemi.org/newpath.pdf).
- **Center for a New American Dream** provides numerous environmentally preferable purchasing resources, including copies of environmental purchasing policies from across the country, a list of environmental purchasing activities organized by topic and by state/local government, specific environmental considerations appropriate for a variety of product categories, and an extensive list of resources. [www.newdream.org/procure](http://www.newdream.org/procure)

- **Sustainable Products Purchasers Coalition** is a membership organization whose goal is to provide a standardized form in which manufacturers can provide life-cycle assessment data for their products. <http://www.sppcoalition.org/>
- **Clean Washington Center** compiled non-copyright publications and software about cleaner production, pollution prevention, and sustainable business. It is intended for business managers, government officials, development program managers, teachers, and students. Use this library along with the Web site, **CleanerProduction.Com**, which has many links to the best resources on the Internet for cleaner production. [www.cwc.org/](http://www.cwc.org/).
- **Business for Social Responsibility** provides information to companies interested in implementing green product design, examples of companies that have succeeded in implementing sustainable strategies, and descriptions of non-profit organizations that assist businesses interested in moving toward social responsibility. [www.bsr.org](http://www.bsr.org)
- **Green Order** Matches government buyers of environmentally preferable goods and services with suppliers. [www.greenorder.com](http://www.greenorder.com)
- **Green Seal** is an independent, nonprofit organization dedicated to protecting the environment by promoting the manufacture and sale of environmentally responsible consumer products, such as cleaners, paint, and office equipment. It sets environmental standards and awards a "Green Seal of Approval" to products that cause less harm to the environment than other similar products. [www.greenseal.org](http://www.greenseal.org)
- **INFORM** established its Purchasing for Pollution Prevention Program to assist federal, state, and local governments purchase safer alternatives to products containing persistent, bioaccumulative toxic chemicals (PBTs) such as mercury, lead, and dioxins. [http://www.informinc.org/p3\\_00.php](http://www.informinc.org/p3_00.php)
- **National Pollution Prevention Roundtable's Environmentally Preferable Purchasing Workgroup** Provides general information on green purchasing, including a generic PowerPoint presentation and tips on initiating successful environmental purchases. [www.p2.org/workgroup/epp/](http://www.p2.org/workgroup/epp/)
- **The Pacific NW Pollution Prevention Resource Center** has a variety of resources related to green purchasing, including two new topical tools: Greening Supply Chains and Product Stewardship. Both topics encompass green purchasing and include great tips, case studies and links <http://www.pprc.org/pubs/topics/grnchain/index.html>

### **Federal Government Resources**

- **EPA's Environmentally Preferable Purchasing** Web site contains a searchable EPP database, the Promising Practices Guide, an online source for green purchasing tips, strategies, and success stories, and a multimedia EPP Training Tool. Additionally, background information on EPP is available, such as the Executive Orders outlining EPA's Final Guidance on EPP, and publications including fact sheets, case studies, and issues of *EPP Update*, newsletter. [www.epa.gov/oppt/epp](http://www.epa.gov/oppt/epp).
- **EPA's Energy Star Program** is a voluntary program that promotes energy efficient products by labeling with the Energy Star logo and educating consumers about the benefits of energy efficient products. The Web site contains fact sheets, publications, product specifications, and lists of manufacturers and partners. [www.energystar.gov](http://www.energystar.gov)

- **EPA's Comprehensive Procurement Guidelines** program is part of EPA's continuing effort to promote the use of materials recovered from solid waste. The Web site contains information on various recycled-content products and manufacturers as well as fact sheets, buy recycled news, and links to additional resources. [www.epa.gov/CPG](http://www.epa.gov/CPG)
- The **Federal Network for Sustainability** (FNS) promotes cost-effective, energy- and resource-efficient operations across all branches of government. FNS is currently focusing on 4 initiatives: "greener" copier paper, electronics, green power and EMS. [www.federalsustainability.org](http://www.federalsustainability.org)
- The **Office of the Federal Environmental Executive** serves to enforce Presidential Executive Order 13101, which is designed to further expand and strengthen the Federal government's commitment to recycling, buying recycled content, and environmentally preferable products. The Web site contains various reports and resources. [www.ofee.gov](http://www.ofee.gov)

### **Canadian Government**

- **Environment Canada's** Web site provides links to Green Purchasing Policy and other resources, including a green procurement checklist and information on holding green meetings and identifying green hotels. [www.ec.gc.ca/eog-oeg/greener\\_procurement/Greener\\_Procurement.htm](http://www.ec.gc.ca/eog-oeg/greener_procurement/Greener_Procurement.htm)
- **The Eco Buyer Catalogue** provides a catalogue of EcoLogo products and services as certified by the Canadian Government's Environmental Choice program.

### **State and Local Government Resources**

- **Seattle, Washington** Web site includes information on policies, guidelines and programs that support ongoing EPP activities such as its Buy Recycled Program, Environmental Management Program and the **Copernicus Project**, which promotes analyzing and purchasing goods and services at 'best total cost'. <http://www.ci.seattle.wa.us/environment/purchasing.htm>.
- **Phoenix, Arizona** has implemented hazardous materials purchasing program and their Web site includes links to an online material safety data sheet database to review hazards associated with the City's purchases. [www.ci.phoenix.az.us/p2/index.html](http://www.ci.phoenix.az.us/p2/index.html)
- **Santa Monica, California's** Web site describes the city's purchasing policies for recycled-content products, certified wood, low toxicity cleaning products, low emission vehicles, and environmentally responsible printing. It also includes copies of Santa Monica's innovative cleaning product specifications. [www.ci.santa-monica.ca.us/environment/policy/purchasing/](http://www.ci.santa-monica.ca.us/environment/policy/purchasing/)
- **King County, Washington**, has one of the most well established EPP Programs in the United States. Its Web site contains numerous EPP resources, including a model policy, contract language, detailed outlines of experience with several products, *EP Bulletins*, and links to various EPP resources. [www.metrokc.gov/procure/green](http://www.metrokc.gov/procure/green)
- **National Association of Counties** Web site describes the efforts of U.S. counties to adopt environmental purchasing strategies. Includes an order form for their highly regarded "Environmental Purchasing Starter Kit" and links to additional resources. [www.naco.org/programs/enviro/purchase.cfm](http://www.naco.org/programs/enviro/purchase.cfm)

- **Alameda County**, California, has a strong buy-recycled program and that has recently been expanded beyond to consider other environmental aspects of products and services that the County purchases. The Web site contains links to detailed product-specific fact sheets. <http://www.stopwaste.org/>
- **Austin, Texas** has developed an extensive environmental purchasing program for specific products and companies. [www.ci.austin.tx.us/sustainable/purchasing.htm](http://www.ci.austin.tx.us/sustainable/purchasing.htm).
- **The California Integrated Waste Management Board's** Buy Recycled programs promote the State of California's policy to buy environmentally preferable products. The programs support the Department of General Services (DGS), all other State agencies, and local governments in establishing policies and practices for purchasing recycled-content products, as well as support activities that promote waste reduction and management. <http://www.ciwmb.ca.gov/buyrecycled/>
- The **Commonwealth of Massachusetts** hosts a comprehensive EPP Web site that includes valuable resources for procurement officials. The site contains detailed information on an extensive list of products, including specifications and fact sheets, as well as a thorough list of links to various EPP-related Web sites. [www.state.ma.us/osd/enviro/enviro.htm](http://www.state.ma.us/osd/enviro/enviro.htm)
- **Minnesota's Environmental Purchasing** Web site contains a unique searchable directory of recycled-content products made in Minnesota, as well as a list of model EPP programs in various local governments and states. <http://www.moea.state.mn.us/lc/purchasing/index.cfm>
- **Georgia's** Web site describes their efforts to promote recycled-content and energy efficient purchases and to base costs on a lifecycle cost perspective rather than initial cost. [www.2.state.ga.us/Departments/doas/procure/enriron/environment.html](http://www.2.state.ga.us/Departments/doas/procure/enriron/environment.html).
- **Michigan** states Web site provides information to Michigan purchasers about the environmental impacts of their purchasing decisions. It includes several newsletters with information on paint, cleaning products, and energy efficient purchases. [www.deq.state.mi.us/ead/p2sect/epp/index.html](http://www.deq.state.mi.us/ead/p2sect/epp/index.html)
- **New Jersey** has developed a Recycled Products Guide and an executive order mandating recycled content purchases. [www.state.nj.us/treasury/purchase/recycle.htm](http://www.state.nj.us/treasury/purchase/recycle.htm)
- **Ohio** developed a list of links to introduce Ohio purchasers to green purchasing. [www.epa.state.oh.us/opp/eppmain.html](http://www.epa.state.oh.us/opp/eppmain.html)
- **Pennsylvania** organized a Governor's Green Government Council including information about the state's efforts to build green buildings, buy green power, and increase green purchasing. The site provides contract examples for environmentally preferable products and services. [www.gggc.state.pa.us/default.htm](http://www.gggc.state.pa.us/default.htm).
- **Vermont's** Governor's Clean State Initiative includes a focus on environmental purchasing. The Web site provides links to the state's annual recycled-content purchasing report. [www.anr.state.vt.us/dec/ead/csc/envpurch.htm](http://www.anr.state.vt.us/dec/ead/csc/envpurch.htm).
- Visit **Center for New American Dream's** Web site for additional listings of state and local EPP programs. <http://www.newdream.org/procure/activities.html>

### **PowerPoint Presentations**

- *Ecolabeling in Practice*, Lin Li, Lowell Center of Sustainable Production discusses the advantages of environmental labels and describes the distinction between the three types of environmental labels

recognized under ISO 14000. Includes examples of each type.

<http://www.newdream.org/procure/ecolabeling.pps> (PowerPoint file, 24 slides, 269 KB)

- *Environmentally Preferable Purchasing*, National Pollution Prevention Roundtable— Environmentally Preferable Purchasing Discussion Group provides an easy-to-understand introduction to environmentally preferable purchasing. It explains why environmental purchasing is important, provides examples of successful programs, describes how to get started, and recommends additional resources. The presentation includes detailed talking points. <http://www.newdream.org/procure/epp.pps> (PowerPoint file, 18 slides, 677 KB)
- *How to Buy Environmentally Preferable Products*, Scot Case, Center for a New American Dream identifies the top ten secrets to buying environmentally preferable products based on efforts from more than 40 state and local government environmental purchasing pioneers. <http://www.newdream.org/procure/buyepp.pps> (PowerPoint file, 20 slides, 161 KB)
- *How to Buy the Stuff You Need and Help the Environment*, Kelly Luck, Minnesota Office of Environmental Assistance defines environmental purchasing, reviews Federal and Minnesota laws requiring it, provides numerous product examples, describes what to look for in an environmental product, and includes a short list of additional resources. <http://www.newdream.org/procure/buyneed.pps> (PowerPoint file, 20 slides, 894 KB)
- *Introduction to Environmentally Preferable Purchasing*, Mark Petruzzi, Green Seal, gives a brief overview of Green Seal’s evaluation process, reviews some single environmental attribute claims, and highlights the advantages of a multiple environmental attribute approach. <http://www.newdream.org/procure/doepp.pps> (PowerPoint file, 9 slides, 71 KB)
- *Negating the Myths*, Scot Case, Center for a New American Dream negates the eight most common myths about environmental purchasing from concerns about product quality and availability to worries about World Trade Organization rules. <http://www.newdream.org/procure/myths.pps> (PowerPoint file, 15 slides, 136 KB)
- *Purchasing for Pollution Prevention*, Kelly Luck, INFORM explains why persistent bioaccumulative toxins (PBTs) are dangerous, how they enter the environment, and in which products they can be found. The slides also describe how INFORM is working with purchasers to avoid purchasing products associated with PBTs. <http://www.newdream.org/procure/prevention.pps> (PowerPoint file, 17 slides, 430 KB)

## **Publications**

- *Buying for the Future: Contract Management and the Environmental Challenge*, Kevin Lyons, Pluto Press, 2000, 161 pages. Describes how Rutgers University implemented a successful environmental purchasing program. It describes the purchasing process, how to create environmental contracts, provides some sample contract language, and explains how to reach out to the local community. It can be ordered from Pluto Press [www.plutobooks.com](http://www.plutobooks.com) or via several online bookstores.
- *The City of Santa Monica's Environmental Purchasing--A Case Study*, U.S. Environmental Protection Agency (EPA742-R-98-001), March 1998, 27 pages. Outlines the City of Santa Monica’s EPP program with an emphasis on its cleaning product, fleet maintenance, integrated pest management, and recycled product purchases. It describes the lessons learned and evaluates the reasons for the city’s many successes. [www.epa.gov/oppt/epp/pubs/santa.pdf](http://www.epa.gov/oppt/epp/pubs/santa.pdf) 772 KB PDF.

- *Consumer's Guide to Effective Environmental Choices—Practical Advice from the Union of Concerned Scientists*, Michael Brower and Warren Leon, Three Rivers Press, 1999, 292 pages. Analyzes the environmental impacts of a typical North American consumer and identifies opportunities to limit those impacts without “sweating the small stuff.” It includes a discussion of the seven rules for responsible consumption. While not focused on institutional purchasing, the research and findings are very applicable. It can be ordered from Three Rivers Press [www.threeriverspress.com/](http://www.threeriverspress.com/) or via any of several online bookstores.
- *EPP Update*, U.S. Environmental Protection Agency, February 1997, 8 to 12 pages. Published twice a year, this 8- to 12-page newsletter covers a variety of environmental purchasing activities. Past issues have covered eco-labelling programs, paint, cleaning products, ASTM standards, new environmental purchasing tools and databases, and other relevant topics. To subscribe, e-mail [epp.pilot@epa.gov](mailto:epp.pilot@epa.gov). [www.epa.gov/oppt/epp/documents/docupdates.htm](http://www.epa.gov/oppt/epp/documents/docupdates.htm)
- *Federal Sector Pioneers--Environmentally Preferable Purchasing at the Federal Government Level*, U.S. Environmental Protection Agency (EPA742-F-00-008), September 2000, 12 pages. Provides brief 3-sentence descriptions of more than 20 ongoing federal government environmental purchasing pilot projects, including the Department of Transportation's alternative method for aircraft deicing; the Department of Interior's use of EarthShell®, a bio-based alternative to styrofoam; and the U.S. Postal Service's “green” post office. [www.epa.gov/oppt/epp/pubs/FedPioneers.pdf](http://www.epa.gov/oppt/epp/pubs/FedPioneers.pdf) 691 KB PDF,
- *Green Spending: A Case Study of Massachusetts' Environmental Purchasing Program*, U.S. Environmental Protection Agency (EPA742-R-98-002), August 1998, 16 pages. Describes the environmental purchasing process in Massachusetts, including the product evaluation procedures, promotional efforts, future activities, and helpful tips. [www.epa.gov/oppt/epp/pubs/mass.pdf](http://www.epa.gov/oppt/epp/pubs/mass.pdf), 1.84 MB PDF
- *Greener Purchasing—Opportunities and Innovations*, Trevor Russel, Greenleaf Publishing, 1998, 325 pages. Presents a wide variety of perspectives from more than twenty leading practitioners on ways to improve public and private environmental purchasing worldwide. It describes recent innovations and includes several case studies. Available from Greenleaf Publishing. <http://www.greenleaf-publishing.com> or via any of several online bookstores.
- *Leading by Example--Two Case Studies Documenting How The Environmental Protection Agency Incorporated Environmental Features into New Buildings*, U.S. Environmental Protection Agency (EPA742-R-97-006), December 1997, 70 pages. Describes the process EPA used to incorporate environmentally preferable features into two new buildings. It stresses the process EPA used throughout the design process to evaluate environmental concerns and remain within budget. [www.epa.gov/oppt/epp/pubs/grnblgd.pdf](http://www.epa.gov/oppt/epp/pubs/grnblgd.pdf), 1.34 MB
- *Pollution Prevention Northwest*, Pacific Northwest Pollution Prevention Resources Center, fall 1999. Includes several general articles describing environmental purchasing activities in the northwestern United States. Also includes the “Basic Green Buyers Guide” with an extensive list of online resources. [www.pprc.org/pprc/pubs/newslets/news1199.html](http://www.pprc.org/pprc/pubs/newslets/news1199.html)
- *Private Sector Pioneers--How Companies are Incorporating Environmentally Preferable Purchasing*, U.S. Environmental Protection Agency (EPA742-R-99-001), June 1999, 40 pages. Demonstrates that environmental purchasing is not limited to government agencies by highlighting the purchasing practices of 18 well-known private sector companies. It describes the reasons companies are adopting

environmental purchasing practices and the types of practices they are employing.  
[www.epa.gov/oppt/epp/pubs/privsect.pdf](http://www.epa.gov/oppt/epp/pubs/privsect.pdf) 1.74 MB PDF

- *State and Local Government Pioneers--How State and Local Governments Are Implementing Environmentally Preferable Purchasing Practices*, U.S. Environmental Protection Agency (EPA742-R-00-004), November 2000, 57 pages. Focuses on state and local governments examining multiple environmental attributes when making purchasing decisions, including low-toxicity, low-VOCs, resource efficiency, bio-based, recycled-content, increased durability, and energy- and water-efficiency. Based on an informal, nationwide survey of state and local government purchasing practices, this case study provides an excellent overview of the emerging environmentally preferable purchasing movement. [www.epa.gov/oppt/epp/pubs/statenlocal.pdf](http://www.epa.gov/oppt/epp/pubs/statenlocal.pdf) 2.29 MB PDF
- *WasteWise Update "Environmentally Preferable Purchasing,"* U.S. Environmental Protection Agency (EPA530-N-01-002), July 2001, 16 pages. Identifies many of the benefits of an environmentally preferable purchasing program, describes how to establish and maintain a program, and highlights examples of public and private sector efforts. [www.epa.gov/wastewise/pubs/wwupda15.pdf](http://www.epa.gov/wastewise/pubs/wwupda15.pdf) 1.8 MB PDF

### **Tools and Databases**

- *Energy Star Database*, U.S. Department of Energy and U.S. Environmental Protection Agency Lists the U.S. government's Energy Star standards and identifies all of the products earning the energy-efficiency designation. [www.energystar.gov/products/](http://www.energystar.gov/products/)
- *Environmentally Preferable Purchasing Database*, U.S. Environmental Protection Agency Contains environmental attribute information and specifications for more than 600 environmentally preferable products based on more than 330 environmental standards and more than 45 government contracts. <http://yosemite1.epa.gov/oppt/eppstand2.nsf>
- *Environmentally Preferable Purchasing Guide*, Minnesota Solid Waste Management Coordinating Board. Provides environmental purchasing information including specification recommendations for more than 30 product categories, including paper, printing, office equipment, vehicles and road maintenance, outdoor furnishing, and ground and building maintenance. It provides an environmental purchasing overview, case studies, and vendor information for each product category. [http://www.swmcb.org/EPPG/1\\_1.htm](http://www.swmcb.org/EPPG/1_1.htm)
- *National Association of State Purchasing Officials Database of Recycled Commodities* identifies thousands of recycled content products. The site is free, but requires users to register. [http://fcn.state.fl.us/bpsr/drc\\_notice.html](http://fcn.state.fl.us/bpsr/drc_notice.html)
- *Pennsylvania Resources Center's Buyers Guide to Recycled Products* Provides information on hundreds of recycled-content product manufacturers. [www.prc.org/guide/prodindx.htm](http://www.prc.org/guide/prodindx.htm)
- *Recycled Content Product Database* (California Integrated Waste Management Board) lists thousands of recycled content products, manufacturers, and vendors. It is regularly updated with new information. [www.ciwmb.ca.gov/RCP/](http://www.ciwmb.ca.gov/RCP/)

### **Listserves**

- *Center for a New American Dream* e-mail: Provides interested parties with updates on the Center's efforts to accelerate the expansion of the environmentally preferable purchasing movement. Subscribers will be notified about the Center's bi-monthly conference calls, updates to the Web site,

new tools and resources, and other environmental purchasing related information.  
[scot@newdream.org](mailto:scot@newdream.org)

- The Northeast Recycling Council (NERC) established EPPNet, the **Environmentally Preferable Products Procurement Listserv**, to link federal, state, local, and private procurement and environmental officials charged with purchasing environmentally preferable products and developing policies for the procurement of these products. The EPPNet is intended to provide quick access to information such as: availability of product specifications, lists of vendors for particular products, pricing information, strategies to achieve environmentally preferable procurement goals, and federal procurement policies. [www.nerc.org/eppnet.html](http://www.nerc.org/eppnet.html)

## II. PRODUCT CATEGORIES

### Building Repair and Renovation and Green Building Resources

- **U.S. Department of Energy's Energy Efficiency and Renewable Energy Network** contains building information for homeowners, commercial building owners and operators, builders and designers, researchers, and program partners and public officials. It also features success stories and case studies, buildings energy data, technology road maps, Energy Star, software tools, information for children and teachers, and rules, codes, and standards. [www.eren.doe.gov/buildings](http://www.eren.doe.gov/buildings)
- **E Design**, developed by the Florida Design Initiative, includes current news and information on organizations, associations, and additional Web sites that deal with "best practices" in building design, construction, and operation. It also contains resources including an interactive database of guidelines for high-performance building design, construction, and operation, and information on the U.S. "Smart Schools" program. <http://edesign.state.fl.us>
- **Environmental Building News** contains articles, reviews, and news stories on energy-efficient, resource-efficient, and healthy building practices. The Web site contains subscription information, access to back issues. The Web site also contains a checklist for environmentally responsible design and construction and a list of green building resources such as books, periodicals, and videos; e-mail discussion groups; sustainable design articles; calendar of events; and links to related sites. [www.buildinggreen.com](http://www.buildinggreen.com)
- **National Institute of Standards and Technology. BEES 2.0** measures the environmental and economic performance of 65 building products based on ISO 14000 and ASTM standards. This flexible tool was designed for use by architects, interior designers, builders, and product manufacturers. [www.bfrl.nist.gov/oa/software/bees.html](http://www.bfrl.nist.gov/oa/software/bees.html)
- **U.S. Green Building Council** Web site contains information on the council, its LEED rating system, meetings and conferences, committees, and resources. It includes ordering information for the *Sustainable Building Technical Manual*, which identifies the environmental issues that should be considered throughout the entire life of a building. [www.usgbc.org](http://www.usgbc.org)
- **Green Building Information Council** provides information on energy and environmental issues in the building sector. The Web site includes databases and search tools related to environmental and energy technology issues, a guide to technologies and practices that improve the energy and resource efficiency of commercial and multi-unit residential buildings, current news and events, and Advanced Building Newsletters. Also discusses the 2000 Green Building Challenge, an international collaborative effort to develop a building environmental assessment tool that addresses controversial aspects of building performance. [www.greenbuilding.ca](http://www.greenbuilding.ca)



- **Green Building Resource Center** Web site focuses on green building topics including pre-design, site design, building design, construction, and operations. It also contains resources such as case studies, publications, courses, organizations, tools, and additional Internet resources.  
<http://greendesign.net/gbrc/>
- **GreenClips** is a summary of sustainable building design news and related government and business issues published every two weeks. Users can receive a free email subscription to GreenClips.  
<http://solstice.crest.org/sustainable/greenclips-info.html>
- **LEED (Leadership in Energy and Environmental Design)**, a publication of the U.S. Green Building Council, describes the process and requirements for evaluating the environmental performance of a building. Many state and local governments are incorporating the LEED criteria into their construction and renovation projects.  
[www.usgbc.org/programs/leed.htm](http://www.usgbc.org/programs/leed.htm)
- **The National Park Service's Sustainable Design and Construction Database** includes information on approximately 1,300 product listings from more than 550 manufacturers and an extensive listing of books, periodicals, organizations, and online sources of sustainable design information.  
[www.nps.gov/dsc/dsgncnstr/susdb/index.htm](http://www.nps.gov/dsc/dsgncnstr/susdb/index.htm)
- **Oikos Green Building Source** Web site contains REDI (Resources for Environmental Design Index), a searchable database with up-to-date information on environmentally friendly building products and companies. The Web site also includes updated news links, a library, and a product gallery. [www.oikos.com](http://www.oikos.com)
- **Sustainable Sources** Web site contains a green building professionals directory, a list of sustainability conferences, green real estate listings, green building databases to help users find sustainable products, materials, and design assistance; and publications on topics including alternative construction techniques, sustainable/non-toxic and natural building materials, guides and plan books, architecture/design, and general environmental health. It also has a list of list servers and newsgroups that users can join. [www.greenbuilder.com](http://www.greenbuilder.com)
- **Parking Lot Repair and Maintenance Contract** Paving the Road to Success--The Department of Defense's: An Environmentally Preferable Purchasing Case Study, U.S. Environmental Protection Agency (EPA742-R-97-007), November 1997, 40 pages. Details a pilot project conducted by the Department of Defense with EPA's assistance. It emphasizes the unique contract language DOD developed to encourage the contractor to use environmentally preferable products when repairing the Pentagon parking lot. [www.epa.gov/oppt/epp/pubs/eppdod1.pdf](http://www.epa.gov/oppt/epp/pubs/eppdod1.pdf) 530 KB PDF
- The **Whole Building Design Guide** provides information, guidance and recommendations for the building professional to improve the quality and performance of buildings. The information can be viewed by the type of building or use, specific design goals (including sustainability), and products and systems (CSI MasterFormat or UniFormat). Has multiple links to design tools, federal mandates and government and non-governmental standards. <http://wbdg.org/index.asp>

### **Paint Resources**

- **EPA's Comprehensive Procurement Guideline (CPG)** program promotes the use of materials recovered from solid waste. The Web site lists specifications and vendor information for various products, including recycled-content paint. [www.epa.gov/cpg](http://www.epa.gov/cpg)
- Refer to EPA's case study, *Painting the Town Green: Aberdeen Proving Ground's (APG) EPP Paints Pilot*, for information on low VOC and hazardous materials-free paints. The case study describes APG's pilot project and includes a list of paints that meet its standards.  
<http://www.epa.gov/oppt/epp/pdfs/paint.pdf>.

- **EPA's EPP Database** is a searchable tool with information on numerous EPP topics and products, including contract language, specifications, guidelines, and vendor information for recycled paints and paints with fewer or no hazardous materials. [www.epa.gov/oppt/epp/database.htm](http://www.epa.gov/oppt/epp/database.htm)

### **Cleaning Product Resources**

- **EPA's EPP Database** provides information on numerous EPP topics and products, including contract language, specifications, guidelines, and vendor information for cleaning products. <http://www.epa.gov/oppt/epp/database.htm>
- Issue 6 of **EPA's EPP Update** contains an article about cleaning products and their environmental attributes. Readers can reference an EPA Web site, which contains a list of cleaning product resources, including sample lists of cleaning product attributes. <http://www.epa.gov/oppt/epp/cleaners/resource.htm>
- EPA's EPP Web site hosts a **Promising Practices Guide for Greening Contracts**. The site serves as an online source for green purchasing tips, strategies, and success stories including information specific to cleaning products. <http://www.epa.gov/oppt/epp/ppg/case/doicase.htm>
- **EPA's Cleaning Products Pilot Project** Web site hosts an attributes ranking tool that helps users select environmentally preferable cleaning products. <http://www.epa.gov/oppt/epp/cleaners/select/>
- **Green Seal** is an independent, nonprofit organization dedicated to protecting the environment by promoting the manufacture and sale of environmentally responsible consumer products. Visit its Web site to learn more about environmental preferability standards for household cleaning products in the March 1998 *ChooseGreen* report, which discusses general purpose cleaners and recommends Green Seal-approved products. <http://www.greenseal.org>
- The **Janitorial Products Pollution Prevention Project** Web site contains a series of helpful tools including information on the risks associated with more than 100 cleaning product ingredients, a list of high-risk products, and risk evaluation forms. The site also includes a series of fact sheets highlighting the pollution prevention opportunities associated with cleaning products, including recommendations about which chemicals to avoid. It also contains information on a 4-hour workshop entitled, "How to Select and Use Safe Janitorial Products." <http://www.epa.gov/opptintr/epp/cleaners/select/>
- **INFORM** published a one-stop guide to environmentally preferable cleaning products and methods that have been effectively used in office buildings, schools, hospitals, and other facilities in the US and Canada. [www.informinc.org/cleanforhealth.php](http://www.informinc.org/cleanforhealth.php).
- The **Center for New American Dream** cleaning products work group consisting of nine government purchasers developed a set of mandatory and desirable environmental criteria for selecting safer cleaning products. [www.newdream.org/procure/products/cleaners.html](http://www.newdream.org/procure/products/cleaners.html).
- **Janitorial Products Pollution Prevention Project** provides fact sheets, commentaries, tools, contacts and other resources to determine the safety of cleaning products. [www.westp2net.org/janitorial/jp4.htm](http://www.westp2net.org/janitorial/jp4.htm).

### **Forest and Paper Products**

- The **American Kenaf Society** is a non-profit membership organization dedicated to the promotion of kenaf research and commercialization. <http://www.kenafsociety.org/>

- **Vision Paper** works with US farmers to grow the annual row crop, kenaf. Kenaf is used as a raw material to make pulp and paper without trees or chlorine products. <http://www.visionpaper.com/>
- The **Paper Calculator** calculates the U.S. average energy and wood consumption and environmental releases summed across the full "life cycle" of each of five major grades of paper and paperboard. For a given grade, it allows the user to compare the environmental impacts of papers made with different levels of post-consumer recycled content, ranging from 0% (i.e., virgin paper) to 100%. <http://www.ofee.gov/recycled/cal-index.htm>
- **Conservatree** has tips, strategies, and case studies on ways to reduce paper consumption. It also has tips on reducing packaging waste. The Web site provides very detailed information about paper types, how to choose paper, "greener" paper listings, paper making, environmental issues, FAQ, and steps individuals can take to minimize impacts associated with paper use. [www.conservatree.com](http://www.conservatree.com)
- **ReThink Paper (RTP)** -- A project of Earth Island Institute which seeks to catalyze a transition to an ecologically sound pulp and paper industry that protects forests, prevents air and water pollution, and conserves energy. RTP advocates using paper efficiently and replacing virgin wood with environmentally benign non-wood fibers, such as hemp, kenaf and agricultural residues. Web site provides information on day-to-day paper reduction techniques, "paperless office" communication, paper selector and many other useful ecological paper resources. [www.rethinkpaper.org](http://www.rethinkpaper.org)
- **Certified Forest Products Council (CFPC)**, is a non-profit business organization that promotes the conservation, protection, and restoration of the world's forests. CFPC advocates the adoption of independent third-party forest certification, and brings businesses and environmental interests together to build purchase-power-based solutions to drive change in forest management. [www.certifiedwood.org](http://www.certifiedwood.org)
- **Chlorine Free Products Association (CFPA)** promotes products free of chlorine chemistry. The Web site lists endorsed chlorine-free products. [www.chlorinefreeproducts.org](http://www.chlorinefreeproducts.org)
- **Forest Stewardship Council (FSC)** provides training, accreditation, and monitors lumber certifiers. [www.foreststewardship.org](http://www.foreststewardship.org)
- **Coop America**, Woodwise Consumer Initiative. Their mission is to provide far-reaching economic strategies for achieving environmental sustainability and social justice. For years, their innovative, practical tools have helped consumers and businesses harness their spending and investing power for people and the planet. Coop America publishes the National Green Pages and the Socially Responsible Financial Planning Handbook. Coop America produces "The WoodWise Consumer Guide", which contains practical tips and resources to conserve wood and paper and purchase forest-friendly products. Web: [www.coopamerica.org](http://www.coopamerica.org) and/or: [www.woodwise.org](http://www.woodwise.org)
- **Forest Ethics** (formerly Coastal Rainforest Coalition) is an independent nonprofit dedicated to promoting corporate commitment to procurement of sustainable wood fiber products, including paper. The group is working with US companies to convert to timber products, paper, and packaging from sustainable sources. Among options they encourage are recycled and tree free papers. Their Web site includes an 8-step plan for companies to identify the forest sources of their papers, analyze the resulting information, and implement an old-growth-free procurement process. [www.forestethics.org](http://www.forestethics.org)
- **PAPER Project** Conservatree, Co-op America and the Independent Press Association (which represents over 300 magazines) are working on a campaign to convert magazines to environmentally preferable paper choices. In addition to providing hands-on assistance to publishers and their printers,

the PAPER Project has started a paper-buying co-op to provide 100% postconsumer recycled content, chlorine free, offset paper at competitive rates to small publishers. [www.EcoPaperAction.org](http://www.EcoPaperAction.org)

- **PAPER Project Wizard** is developing a calculator that will allow paper users to calculate the environmental impacts of their paper choices, and then translate those impacts into readily understandable comparisons. The first impacts calculation will be the number of trees needed to make different papers; other impacts will be added. [www.EcoPaperAction.org](http://www.EcoPaperAction.org)
- **Rainforest Action Network** seeks to catalyze a transition in the forest products sector by eliminating the markets for old-growth wood products, while redirecting consumption towards ecologically sustainable alternatives. They are coordinating a Tree Free Campus Student Campaign on college campuses to convert campus paper purchases to 100% recycled or tree free (kenaf, hemp). [www.ran.org](http://www.ran.org)
- **Reach for Unbleached!** Seeks to promote the elimination of chlorine and chlorine derivatives from the manufacture of pulp and paper. They established a buyers' cooperative in conjunction with Paper Choice, to supply Rolland New Life Dual Purpose Paper, which is 80% recycled (60% PCW, 20% PRE), and 20% virgin fiber (not from old growth). [www.rfu.org](http://www.rfu.org)
- **Resource Conservation Alliance's (RCA)** mission is to protect natural forests and other ecologically important systems through market- and commodity-based conservation strategies. These strategies include reduced consumption and increased recycling, redesign, and resource diversification. RCA focuses primarily on demand reduction in the following product categories, paper, building products, pallets, furniture, packaging and bio-composite alternatives. [www.rca-info.org](http://www.rca-info.org)
- **Recycled Paper Coalition** started by Bank of America and several other major corporations, RPC now has over 200 corporate and organizational members dedicated to buying recycled paper, reducing paper waste, and establishing recovered paper collection systems in their offices. Each year all the members report on their paper purchases, in order to inform the paper industry of their significant demand for recycled papers. [www.papercoalition.org](http://www.papercoalition.org)
- **Recycled Products Purchasing Cooperative** coordinated by Solano County Recyclers distributes Wilcote Paper from Willamette Industries that contains 30% post consumer waste (PCW) and from Badger Envirographic100, which is 100% PCW and PCF. [www.recycledproducts.org](http://www.recycledproducts.org)

### **Office Products and Furniture**

- **Buy Green Homepage** includes a number of topics and links related to green purchasing in the U.S. and in Canada, including product listings. <http://www.buygreen.com>
- **Green Earth Office Supply** product offerings include recycled-content products, agricultural based products, solar products, less toxic products and cruelty-free products. <http://www.webcom.com/geos/geos2.html> or 1-800-327-8449.
- **Ecomall Office Products** provides links to sites that sell traditional office products with recycled content, high quality recycled diskettes, energy-efficient lighting products, etc. <http://www.ecomall.com/biz/office.htm>
- **Environment Canada Green Office** provides general product information, product list, as well as green buying information. <http://www.ec.gc.ca/office/html/Default.htm>

- **Green Office Magazine** provides information on office furniture information. Call 1-800-709-0012; E-mail: [greenoffice@msn.com](mailto:greenoffice@msn.com)
- **Green Seal's Green Choice Report** highlights facts about the use and manufacture of several common office supplies and explains how to reduce the environmental footprint of your office. [Greenseal@greenseal.org](mailto:Greenseal@greenseal.org).

### **Office Equipment**

- **City of Seattle** identified environmental factors and developed questions related to manufacturers environmental practices to ask vendors of laptops and other office equipment. [www.ci.seattle.wa.us/environment/purchasing.htm](http://www.ci.seattle.wa.us/environment/purchasing.htm).
- **Northwest Product Stewardship Council** provides links to information about environmentally preferable purchasing, technical references, contract examples, and web sites related to electronics purchasing. [www.productstewardship.net/productsElectronicsEPPGuideResources.htm](http://www.productstewardship.net/productsElectronicsEPPGuideResources.htm).
- **Silicon Valley Toxics Coalition** issues an annual report card analyzing the information on web sites of computer companies, compares and measures the environmental qualities of electronic equipment and grades the overall environmental performance of companies. [www.svtc.org/cleancc/pubs/2002report.htm](http://www.svtc.org/cleancc/pubs/2002report.htm).

### **Cars and Automotive Supplies**

- **Clean Cities Alternative Fuel Vehicle Fleet Buyer's Guide** Web site is designed to help consumers understand and acquire AFVs. It includes information on heavy- and light-duty vehicles, incentives that may apply to purchasers, and dealerships. <http://www.fleets.doe.gov/>
- **Web sites of the AFV manufacturers include:**
  - Toyota Prius** <http://www.toyota.com/html/shop/vehicles/prius/index.html>
  - Honda Civic Hybrid** <http://civichybrid.honda.com/>
  - Ford Hybrid SUV** <http://www.hybridford.com/index.asp>
- **Automaker Endorsement Letters** for re-refined motor oil. <http://www.ac-rerefined.com/html/endorsements.html>
- **Puget Sound Clean Cities Coalition** Web site provides information on sources of biodiesel. <http://www.cityofseattle.net/cleancities/Fueling%20Biodiesel.htm>
- **EPA's Comprehensive Procurement Guidelines** for purchasing re-refined motor oil <http://www.epa.gov/epaoswer/non-hw/procure/products/lubricat.htm>
- **California Integrated Waste Management Board** provides an introduction to re-refined oil. <http://www.ciwmb.ca.gov/UsedOil/Rerefined/>
- **Retread Tire Information Bureau** <http://www.retread.org/>
- **EPA's Comprehensive Procurement Guidelines** Web site with information about procuring retread tires: <http://www.epa.gov/epaoswer/non-hw/procure/products/retread.htm>

## Textiles

- **Norm Thompson Outfitters** Ranks finished products according to the environmental impact associated with obtaining the raw materials for the fiber, impacts of textile manufacture, and recyclability of various textiles. The site provides links to sites dedicated to specific textiles. [www.bsr.org/bsrResourcesDocs/Norm\\_Thompson\\_Sustainability\\_Toolkit](http://www.bsr.org/bsrResourcesDocs/Norm_Thompson_Sustainability_Toolkit).

## Integrated Pest Management (IPM) and Landscaping

IPM is essentially divided into two main areas: structural or buildings applications and landscape applications. Though the two areas can differ in their target pests and pest control methods, they are often approached cooperatively in most institutional settings.

- **EPA's Office of Pesticide Programs** Web site is an extensive resource for general pesticide news and information, including IPM. It contains scientific information on pesticides and pesticide registration, safety information, pesticide policies, laws, and regulations, and numerous links to other pesticide resources within and outside of EPA. [www.epa.gov/pesticides](http://www.epa.gov/pesticides)
- The USDA's **National IPM Network** Web site contains landscape and household pest management information, including a calendar of IPM events; contact information for pest management experts; information organized by pest, state/region, commodity, and control tactics; publications; links to pest-related databases; and Web-based IPM tools. [www.reeusda.gov/nipmn](http://www.reeusda.gov/nipmn)
- The **National Pesticide Telecommunications Network** Web site contains brochures, fact sheets, reports, technical and regulatory information. They also operate a toll free number to call for pesticide information. <http://ace.orst.edu/info/nptn/index.html>
- The **IPM Almanac** Web Site provides extensive IPM tools and information. The site features *IPM Solution* newsletters, tip sheets, IPM plans and checklists. [www.ipmalmanac.com](http://www.ipmalmanac.com)
- The **National Pest Management Association** represents pest management firms worldwide. The site contains a search feature to locate pest management firms in your area and includes current news and various pest management resources. [www.pestworld.org](http://www.pestworld.org)
- Through its IPM Institute Certified Seal, the **IPM Institute of North America** recognizes and rewards goods and services providers that practice IPM. The Web site contains a description of the certification program, a list of upcoming IPM events, an extensive page of IPM links, and information about IPM in schools, including administrative planning and policy guidance, and landscape- and pest-specific information. [www.ipminstitute.org](http://www.ipminstitute.org)

## **III. ENVIRONMENTAL STANDARD AND CERTIFICATION ORGANIZATIONS**

### United States

- **Green-e** evaluates electricity suppliers against its green electricity standard. [www.green-e.org/](http://www.green-e.org/)
- **Green Seal** establishes environmental standards and awards its "green seal of approval" to products meeting the standards. Green Seal has created environmental standards for more than 30 product categories and regularly publishes its *Choose Green Reports*, which evaluate the environmental impacts of products and recommend products that appear to meet its standards. [www.green Seal.org](http://www.green Seal.org)
- **Scientific Certification Systems** was established in 1984 as the nation's first third-party certifier for testing pesticide residues in fresh produce. In the past 15 years, the company has evolved to become a certifier of multiple facets of the [food industry](#) and of the environmentally sound management of

forests, marine habitats and a wide variety of businesses. The company's environmental division certifies a wide variety of claims related to environmental achievement in the product manufacturing and natural resource extraction sectors. <http://www.scs1.com/>

- **Smart Wood** verifies sustainable forestry standards, including those developed by the Forest Stewardship Council. [www.smartwood.org/](http://www.smartwood.org/)

### **International**

- **Canada's Environmental Choice Program** provides more than 125 environmental standards in 12 product categories endorsed and promoted by the Canadian government. Also identifies products meeting the environmental standards. [www.environmentalchoice.com/index\\_main.cfm](http://www.environmentalchoice.com/index_main.cfm)
- **European Union Eco-Label** details the European Union's eco-label standards and identifies products earning the label. <http://europa.eu.int/comm/environment/ecolabel/index.htm>
- **Germany's Blue Angel** reviews products against environmental standards for 85 product categories with almost 40 additional standards under development. [www.blauer-engel.de/Englisch/index.htm](http://www.blauer-engel.de/Englisch/index.htm)
- **Global Ecolabelling Network** facilitates communication among the world's ecolabelling programs. Provides a good overview of ecolabelling worldwide. [www.gen.gr.jp/](http://www.gen.gr.jp/)
- **Nordic Swan** includes environmental standards endorsed by Norway, Sweden, Denmark, Finland, and Iceland for almost 50 products in six categories [www.ecolabel.no/](http://www.ecolabel.no/)
- **TerraChoice** runs Canada's Environmental Choice program as an independent contractor. Has developed numerous environmental standards for a wide variety of industries. [www.terrachoice.com](http://www.terrachoice.com)