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## Green Procurement

- ***DEFINITION:***

***Green Procurement is the purchase of products and services with favorable energy or environmental attributes in accordance with federally-mandated “Green” procurement performance programs.***

***The Department of Defense’s Green Procurement Program is a comprehensive strategy for implementing environmentally preferred practices while sustaining the overall mission.***



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## Green Procurement Program (GPP)

- ***The Purpose of the GPP is to Enhance and Sustain Mission Readiness*** through cost effective acquisition that achieves compliance and reduces resource consumption, and minimize solid and hazardous waste generation.
- ***The DoD GPP requires us to purchase green products and services*** to the maximum extent practicable, consistent with the requirements of relevant Federal procurement preference programs.
- ***The DoD is committed to becoming a leader in green procurement.***



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## Green Procurement Program (GPP)

- **Regulations Governing Green Procurement (pg 1 of 2):**
  - Executive Order 13514 – Federal Leadership in Environmental, energy, and Economic Performance: <http://www.archives.gov/federal-register/executive-orders/disposition.html>
  - Executive Order 13423 – Strengthening Federal Environmental, Energy, and Transportation Management: <http://www.archives.gov/federal-register/executive-orders/disposition.html>
  - Section 6002 of the Resource Conservation and Recovery Act (RCRA): <http://www.ornl.gov/adm/ornlp2/sec6002.htm>
  - Environmental Protection Agency Comprehensive Procurement Guidelines (CPGs): <http://www.epa.gov/epawaste/consERVE/tools/cpg/index.htm>

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## Green Procurement Program (GPP)

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- **Regulations Governing Green Procurement (pg 2 of 2):**
  - Title 40 Code of Federal Regulations, Part 247 (40 CFR 247):  
[http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&tpl-/ecfrbrowse/title40/40cfr247\\_main\\_02.tpl](http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&tpl-/ecfrbrowse/title40/40cfr247_main_02.tpl)
  - The Farm Security and Rural Investment Act of 2002 (Farm Bill):  
<http://www.usda.gov/wps/portal/usda/farmbill2008?navd=FARMBILL2008>
  - Energy Independence and Security Act of 2007:  
<http://www1.eere.energy.gov/femp/regulations/eisa.html>
  - Federal Acquisition Regulation Part 23 – Environment, Energy and Water Efficiency, Renewable Energy Technologies, Occupational Safety, and Drug-Free workplace Act:  
<https://www.acquisition.gov/comp/far/current/html/FARTOCP23.html>



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## Green Procurement – Objectives

- Educate all appropriate DoD employees on the requirements of Federal “green” procurement preference programs, their roles and responsibilities relevant to these programs and the DoD GPP, and the opportunities to purchase green products and services
- Increase purchases of green products and services consistent with the demands of mission, efficiency, and cost-effectiveness, with continual improvement toward Federally established procurement goals
- Reduce the amount of solid waste generated
- Reduce consumption of energy and natural resources
- Expand markets for green products and services



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## Green Procurement – Policy

- Formally establishes DoD's GPP
- Requires that green products and services be considered as the “first choice” for procurements
- Assigns responsibility to virtually every DoD employee
- Requires GPP training and refresher training for all personnel involved in acquisitions
- Requires implementation at the organizational level where initial purchasing requirements are defined
- Requires documentation of objectives, targets, and actions in an installation-level plan.



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## Seven Components of the GPP

- **Recycled Content Products** [products containing recovered materials or Comprehensive Procurement Guidelines items]
- **Energy and Water-Efficient Products** [products which reduce the amount of energy and water usage of an activity while still achieving the same or better results for the same or slightly higher cost]
- **Alternative Fuels and Alternative Fuel Vehicles** [use of alternative and renewable fuel sources, energy efficiency, and all aspects of energy supply and demand]
- **Bio-based Products** [commercial and industrial products in acquisitions (other than food or feed) composed in whole or in significant part of biological products or renewable domestic agricultural materials, or forestry materials. May include plant, animal, and marine materials and are generally more environmentally friendly than petroleum-based counterparts]



## Seven Components of the GPP

(continued)

- **Non-Ozone Depleting Substances** [Non-ODSs are replacement chemicals that do not harm the ozone layer, EPA identified Non-ODSs through its “Significant New Alternatives Policy” (SNAP) program]
- **Environmentally Preferable Products and Services** [term is applied to products or services that have a reduced effect on human health and the environment versus competing products and services]
- **Toxic and Hazardous Chemicals** [The EPA maintains a “list of priority chemicals” that can pose a threat to human health and the environment]

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## Benefits of Green Procurement

- Strengthens recycling programs by increasing the demand for recycled products
- Complies with laws, regulations, and Executive Orders (EOs) that require Federal Agencies to implement green procurement preference programs
- Saves money (may be in terms of product cost, the overall cost of manufacturing, or utility bills)
- Reduces air emissions, solid waste disposal rates and associated health risks

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## Benefits of Green Procurement (continued)

- Provides jobs and economic opportunity
- Provides incentives for manufacturers to use technologies that incorporate environmentally preferable attributes and/or materials into products
- Conserves natural resources and the ozone layer
- Provides for new and expanded markets for agricultural feed stocks
- Reduces U.S. dependence on petroleum and other imports

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## Comprehensive Procurement Guidelines

- The Comprehensive Procurement Guidelines (CPG) is the document EPA uses to formally designate the items made from recovered or recycled materials covered by the GPP. A handout of the EPA Designated and Proposed CPG Items is provided Listed below are the eight categories of currently listed CPG items:
  - Construction Products
  - Landscaping Products
  - Non-paper Office Products
  - Paper and Paper Products

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## Comprehensive Procurement Guidelines (CPG) (continued)

- Park and Recreation Products
- Transportation Products
- Vehicular Products
- Miscellaneous Products

EPA has created an excellent Web page for CPG information at <http://www.epa.gov/cpg>

If you buy products listed on the website, you are complying with GPP requirements.

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## Who is Required to Purchase Green Products?

- All acquisitions from major systems programs to individual unit supply and service requisitions
- Government Purchase Card Holders
- Unit Supply Personnel
- Government Service Employees
- Government Contractors



## Where to Find Green Products

- Fort Campbell Eagle Mart
- Government Service Agency (GSA) Global Supply Catalog
- Department of Defense (DoD) E-Mall
- Ability One Catalog (formerly JWOD)
- Environmental Preferred Products & Preferable Purchasing can be found at <http://www.epa.gov/EPP>
- Green Products Compilation v10 Nov 2011:  
<http://www.sftool.gov/greenprocurement>

NOTE: Encourage all purchasing sources to carry Green Products (made from recyclable products to also include the packaging)



## User Requirements and the GPP

- **Common Questions about buying Green Products include:**
  - What should I do if I am required to buy products from mandatory sources (FAR Part 8)?
  - How can I purchase what my customer requires in terms of equipment specifications while still satisfying Green Procurement Program requirements?
- **The answer to these questions involve satisfying one requirement at a time.**
  - First – you must define your Green Product Requirements (i.e., recovered materials if it is a “Comprehensive Procurement Guidelines” item)
  - Second – contact your mandatory source and ask for specific items meeting those requirements.

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## User Requirements and the GPP (continued)

- **NOTE:** You are not required to procure items from required sources of supply if the items do not meet Government requirements, to include GPP requirements.
  - Inform the course(s) of supply that you require Green products (e.g., recycled content) in order to comply with the GPP. That way, the source will be more likely to stock the items in the future.

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## Responsibilities of GPC Holders

- **Identify and document** whether recycled content, bio-based content, energy and water-efficient products, alternative fuel vehicles, and products containing non-ozone depleting substances are required
- **Determine** if recycled content and bio-based products satisfy Fort Campbell requirements for price, availability, and performance
- **Ensure** that relevant green procurement requirements are identified prior to submission to the contracting office, the approving official or source of supply. This will ensure that final/approved purchase requests address all relevant green procurement requirements

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## Responsibilities of GPC Holders

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- ***Document*** exceptions to green procurement requirements in writing and maintain a copy with purchase order/receipt
- ***Attend/complete GPP Training***:

DAU Green Purchasing Continuous Learning Module (CLC046): <http://www.dau.mil/Training/default.aspx>

Green Procurement Training:

<http://chppm-www.apgea.army.mil/gswsp/greenpro.aspx>



## Contact Information

- ***Jennifer Tapscott – Point of Contact***
- Environmental Protection Assistant, Conservation Branch, Environmental Division, Directorate of Public Works
- E-mail Address (Global): ***[jennifer.m.tapscott.civ@mail.mil](mailto:jennifer.m.tapscott.civ@mail.mil)***  
Phone Number: 270-956-2732
- ***We all want to preserve this good earth ...  
for ourselves, for our children,  
for our grandchildren, and for mankind.***



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## Designated Items

- **Energy Efficient Items:**

For a listing of energy efficient items listed by Energy Star or designated by the Department of Energy's Federal Energy Management Program, see

<http://www.eere.energy.gov/femp/procurement/>

- **Bio-based Items:**

The USDA is in the process of designating products for mandatory Federal procurement preference. For the latest information, see

<http://www.biobased.oce.usda.gov/public/index.cfm>



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US Environmental Protection Agency:

<http://www.energystar.gov/>

Federal Electronics Challenge:

<http://www.federalelectronicchallenge.net/>

Federal Tax Credits Energy Efficiency:

[http://www.energystar.gov/index.cfm?c=products.pr\\_tax\\_credits](http://www.energystar.gov/index.cfm?c=products.pr_tax_credits)

Improving Home Energy Efficiency:

[http://www.energystar.gov/index.cfm?c=home\\_improvement.hm\\_improvement\\_index](http://www.energystar.gov/index.cfm?c=home_improvement.hm_improvement_index)



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## Web Links – Green Procurement

- Defense Logistics “Green Procurement” Report:  
<http://www.dlis.dla.mil/erlsgpr/Default.asp>
- GSA Green Products:  
[http://www.gsa.gov/Portal/gsa/ep/contentView.do?contentType=GSA\\_BASIC&contentId=24936&noc=T](http://www.gsa.gov/Portal/gsa/ep/contentView.do?contentType=GSA_BASIC&contentId=24936&noc=T)
- DENIX, Green Procurement:  
[http://www.denix.osd.mil/portal/page/portal/denix/environment/green\\_procurement](http://www.denix.osd.mil/portal/page/portal/denix/environment/green_procurement)
- US Army Sustainability, Green Procurement:  
[http://www.sustainability.army.mil/tools/programtools\\_green.cfm](http://www.sustainability.army.mil/tools/programtools_green.cfm)
- Federal Electronics Challenge:  
<http://www.federalectronicschallenge.net/>

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## Web Links – Green Procurement

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- US EPA Environmentally Preferable Purchasing:  
<http://www.epa.gov/oppt/epp/>
- Electronic Procurement Environmental Assessment Tool:  
<http://www.epeat.net/>
- Sustainable Forest Initiative:  
<http://www.sfiprogram.org/>
- Alliance of Foam Packaging Recyclers':  
<http://www.epspackaging.org/>
- Responsible Purchasing Network:  
<http://www.responsiblepurchasing.org/>



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## Web Links – Green Procurement

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- EPA's WaterSense Program:  
<http://epa.gov/watersense/>
- Fleet Management:  
[http://www1.eere.energy.gov/femp/program/fedfleet\\_management.html](http://www1.eere.energy.gov/femp/program/fedfleet_management.html)
- USDA's BioPreferred Designated Products:  
<http://www.biopreferred.gov>
- EPA's Comprehensive Procurement Guidelines:  
<http://www.epa.gov/epawaste/consERVE/tools/cpg/products/index.htm>
- FEDCENTER - Acquisition:  
<http://www.fedcenter.gov/programs/buygreen/>



# Environmental Mgmt – Green Procurement



## Web Links – Green Procurement

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- USAEC Sustainability – Green Procurement:  
<http://aec.army.mil/usaec/sustainability/gp00.html>
- GREEN PROCUREMENT REQUIREMENTS OVERVIEW:  
[http://205.153.241.230/P2\\_Opportunity\\_Handbook/16\\_1.html](http://205.153.241.230/P2_Opportunity_Handbook/16_1.html)
- Office of the Federal Environmental Executive:  
<http://www.ofee.gov/>
- GSA – Strategically Sustainable:  
<http://www.gsa.gov/portal/category/26433>
- GSA – Greening the Supply Chain:  
<http://www.gsa.gov/portal/content/285653>
- Wikipedia – “Sustainable Procurement”:  
[http://en.wikipedia.org/wiki/Sustainable\\_procurement](http://en.wikipedia.org/wiki/Sustainable_procurement)