



Training Update

Sustainable Acquisition for Federal Agencies

September 22, 2016

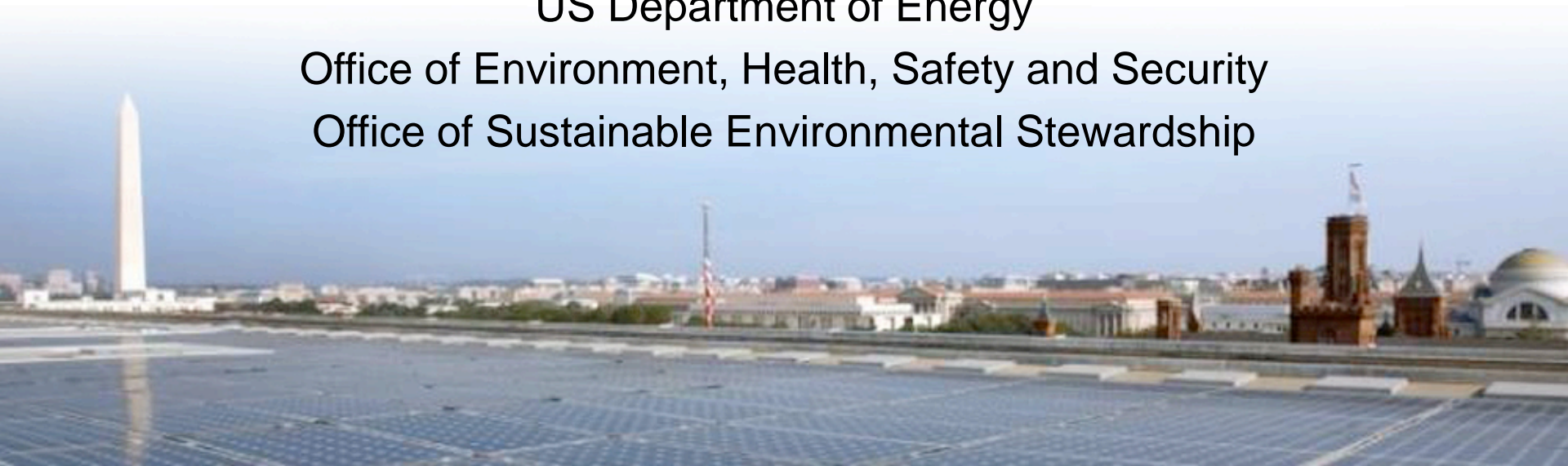
ISWG

Shab Fardanesh

US Department of Energy

Office of Environment, Health, Safety and Security

Office of Sustainable Environmental Stewardship





NEW eTraining! *Sustainable Acquisition for Federal*



Environment, Health, Safety and Security



New online training from DOE's Office of Sustainable Environmental Stewardship and Federal Energy Management Program (FEMP)

- Guidance on how to meet executive order and Federal Acquisition Regulation (FAR) requirements
- Overview of sustainable acquisition benefits to federal agencies, their community, and the environment
- Summary of available resources, and best practices, including sustainable acquisition contract language

Learning Units: 2.0 LU Prerequisites: None HSW: Yes	A circular logo with the text "CONTINUING EDUCATION" around the perimeter and a stylized "E" in the center.
USGBC GBCI: Yes GBCI Hour: 2.0 CE Level: 100 Category: Material & resources	The logo for Green Building Certification Institute (GBCI) Continuing Education (CMP), featuring the text "GBCI CMP" in a stylized font.
IACET CEUs: 0.20 CEU Level: 101	The logo for the Federal Energy Management Program (FEMP), featuring the text "FEMP" in a large, bold font with "Federal Energy Management Program" written below it.



The Federal Footprint



- Spent \$500 billion on goods and services in FY 2008
- Owns or leases more than 645,000 non-tactical vehicles worldwide
- Manages or owns nearly 1 in every 5 acres in the U.S.
- Single largest domestic buyer and user of energy
- Real property portfolio of nearly 900,000 assets, including more than 400,000 buildings
- Spends \$3.5 billion annually to provide energy to its facilities
- Purchases about \$74 billion worth of IT equipment and services per year.





What's in the FAR?



Incorporate green products when describing agency needs

- **FAR Section 11.002(d)(1)**: “When agencies acquire products and services, various statutes and executive orders require consideration of:
 - Energy-efficient products and services
 - Products and services that utilize renewable energy technologies
 - Products containing energy-efficient standby power
 - Products containing recovered materials
 - Biobased products
 - Environmentally preferable products and services”



What's in the FAR?



- **23.703 Policy:** Government policy on the acquisition of environmentally preferable, energy efficient, and water conserving products and services.



Green Purchasing



- Recycled content products
- Energy- and water-efficient products
 - Standby power devices
 - ENERGY STAR and FEMP-designated products
 - EPEAT-registered products
 - WaterSense
- Alternative fuel vehicles/alternative fuels
- Biobased products
- Environmentally preferable products
 - Green cleaning products and services
 - Cafeteria-ware, especially biobased content products
 - Building products
 - Green meetings and conference services
- Non-ozone depleting substances
- Low or non-toxic or non-hazardous chemicals



Sustainable Acquisition and the Guiding Principles



Sustainable Acquisition:

- Employs integrated design principles
 - Design for daylighting avoids the cost of installing more lights than necessary
- Optimizes energy performance
 - Specify ENERGY STAR certified and equipment that meets FEMP energy efficiency requirements
- Protects and conserves water
 - Specify WaterSense labeled equipment
- Reduces the environmental impact of materials
 - Specify the DOE, EPA, and USDA designated products
- Considers climate change risks
 - Every material purchased with recycled content helps reduce greenhouse gas emissions



Sustainable Acquisition Opportunities

- **Landscaping:** Reduce water consumption and implement integrated pest management
- **Alternative chemicals:** Reduce and minimize the quantity of toxic and hazardous chemicals acquired
- **Facility siting:** Ensure that planning for new Federal facilities or new leases includes consideration of sites that are pedestrian friendly, near existing employment centers, and accessible to public transit, and emphasizes existing central cities and, in rural communities, existing or planned town centers
- **DOE's GreenBuy Program:** Create an incentive program to encourage high sustainability performance and new leadership areas.



FEMP eTraining on the WBDG



Register by clicking on the “enroll now” button that will take you to the account registration page.

Home > Continuing Education > FEMP Courses > FEMP44

COURSES

- Whole Building Design Guide Courses
- Federal Energy Management Program Courses
 - FEMP Certificate Series

FEMP44 Sustainable Acquisition for Federal Agencies

This course provides staff involved in specifying and purchasing with a thorough introduction to compliance requirements, processes, and tools for procuring sustainable products and services. Learners will receive specific guidance in how to meet executive order and Federal Acquisition Regulation (FAR) requirements and understand how sustainable acquisition benefits their agency, community, and the environment.

The instructor for this course are:

- Shabnam Fardanesh, Sustainable Acquisition Program Coordinator, Office of Sustainable Environmental Stewardship, U.S. Department of Energy, [Read Bio](#)
- Sandra Cannon, Technical Support, Sustainable Acquisition Program, U.S. Department of Energy [Read Bio](#)

LEARNING OBJECTIVES

By completing this course you will learn to:

- Define sustainable acquisition;
- Identify key regulations that govern sustainable acquisition;
- Describe how to develop a sustainable acquisition strategy via an Environmental Management System;
- Integrate sustainable acquisition into their applicable contracts;
- Find the designated products via the Green Products Compilation;
- Learn to develop internal agency programs promoting sustainable acquisition, such as the U.S. Department of Energy GreenBuy Award Program; and
- Describe the Sustainable Acquisition reporting requirements.

TAKE THIS COURSE

[Log in](#) to your account to begin taking this course or [enroll now](#) for free if you do not have an account.

Course ID: FEMP44
Duration: 2 hours

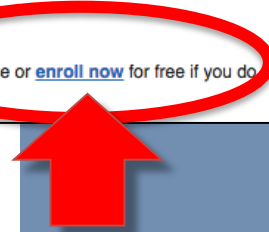
Learning Units: 2.0 LU
Prerequisites: None
HSW: Yes

USGBC GBCI: Yes
GBCI Hour: 2.0 CE
Level: 100
Category: Material & resources

IACET CEUs: 0.20 CEU
Level: 101

COMMENT ON THIS PAGE
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<https://www.wbdg.org/education/femp44.php>





FEMP eTraining on the WBDG



Complete account registration

- Enroll in any course
- Track your progress
- Return to the same place in any course at any time

Home > Account Registration

Account Registration

Please fill out the form below to register for a WBDG account. This account will allow you to take advantage of WBDG services such as the free continuing education courses.

Fields marked with an asterisk (*) are required.

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Analyst
Architect
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Attorney
Auditor/Estimator
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credit for (456)

Registration:
Enroll in any course
Track progress

Registration also **tracks and maintains** a permanent record of **continuing education units (CEUs) earned**



FEMP eTraining on the WBDG



Course duration is approximately **2 hours**

After completing the course, take the **multiple choice learner assessment**

Sustainable Acquisition for Federal Agencies
Course: FEMP44 | Duration: 2 hours | Learning Units: 2.0 | Prerequisites: None | HBW: Yes | USBOBC GBCI: Yes | GPCSI: Yes

STUDY (1 of 1) | TEST | EVALUATION | AFFIDAVIT | CERTIFICATE

STUDY: MODULE 1 OF 1

TEST

SUSTAINABLE ACQUISITION FOR FEDERAL AGENCIES

INTRODUCTION

Why Sustainable Acquisition?

Sustainable Acquisition Purposes

- Support the Federal commitment to environmental stewardship and conservation
- Help agencies comply with Federal policy
- Reduce greenhouse gas (GHG) emissions
- Improve employee health and performance
- Effectively use an Environmental Management System (EMS), a platform for achieving sustainability goals

In this course you will learn:

- The definition of sustainable acquisition
- The key regulations that govern sustainable acquisition
- How to develop a sustainable acquisition strategy via an EMS
- How to integrate sustainable acquisition into your solicitation contracts
- How to find the designated products via the Green Procurement Compilation
- How to develop internal agency programs to promote sustainable acquisition, such as the U.S. Department of Energy's GreenBuy Award Program
- The Sustainable Acquisition reporting requirements

COURSE MATERIALS

- [Course Supplement](#)



Certificate of Completion



Upon receiving an 80% passing grade, **complete a brief course evaluation**

Download a **Certificate of Completion**

Receive your **CEUs**



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CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Claire Richardson

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SUCCESSFULLY COMPLETED
 CONTINUING EDUCATION DISTANCE PROGRAM

FEMP44 Sustainable Acquisition for Federal Agencies

on August 18, 2016

www.wbdg.org/education

EARNING

**2.0 AIA/CES HSW LEARNING UNITS
 2.0 USGBC GBCI CE HOURS
 0.20 IACET CEUs**

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<https://www.wbdg.org/education/femp44.php>