

Implementing Federal Environmental Stewardship with a Green Team and Resource Guide –



Building Community within your agency to meet your EO13423/EMS Goals.

Marlene R. RedDoor
USEPA Office of Solid Waste
Washington, DC

Whatever you call it – Federal Environmental Stewardship, Implementing EO 13423, or EMS roll out

It all comes down to people!

- How you reach out to them
- What tools you give them to learn & use
- A feeling of inclusion, ownership & participation
- A Team and A Community



E.O. 13423 requires federal agencies to lead by example in advancing the nation's energy security and environmental performance by achieving the following goals:

Energy Efficiency: Reduce energy intensity 30 percent by 2015, compared to an FY 2003 baseline.

Greenhouse Gases: Reduce greenhouse gas emissions through reduction of energy intensity 30 percent by 2015, compared to an FY 2003 baseline.

Renewable Power: At least 50 percent of current renewable energy purchases must come from new renewable sources (in service after January 1, 1999).

Building Performance: Construct or renovate buildings in accordance with sustainability strategies, including resource conservation, reduction, and use; siting; and indoor environmental quality.

Water Conservation: Reduce water consumption intensity 16 percent by 2015, compared to an FY 2007 baseline.

EO 13423

Vehicles: Increase purchase of alternative fuel, hybrid, and plug-in hybrid vehicles when commercially available.

Petroleum Conservation: Reduce petroleum consumption in fleet vehicles by 2 percent annually through 2015, compared to an FY 2005 baseline.

Alternative Fuel: Increase use of alternative fuel consumption by at least 10 percent annually, compared to an FY 2005 baseline.

Pollution Prevention: Reduce use of chemicals and toxic materials and purchase lower risk chemicals and toxic materials.

Procurement: Expand purchases of environmentally sound goods and services, including biobased products.

Electronics Management: Annually, 95 percent of electronic products purchased must meet Electronic Product Environmental Assessment Tool standards where applicable; enable Energy Star® features on 100 percent of computers and monitors; and reuse, donate, sell, or recycle 100 percent of electronic products using environmentally sound management practices.

Environmental Management Programs

- Environmental Management Programs may target:
 - Pollution prevention, waste minimization, recycling
 - Green Procurement
 - Energy management
 - Materials management
 - Compliance assurance
 - *Mission priorities, operational efficiency, cost*
 - Safety and health
 - Others, based on organizational priorities

Legal Basis

- Resource Conservation and Recovery Act (RCRA), Section 6002
- Farm Security and Rural Investment Act (2002 Farm Bill), Section 9002
- Energy Policy Act
- Pending energy legislation
- Executive Orders 13423, 13101, 13123, 13148, 13149, 13221
- Federal Acquisition Regulation

What do they need to know to do their job and in general

- Not everyone has to know everything
- But, everyone has their part to play
- They need to understand their responsibilities and choices in reducing the environmental footprint
- They should understand their importance in setting and accomplishing the goals
- The need to see the results and successes as well

The Environmental Stewardship Guide serves three purposes

- Source for anyone who has a role in developing and implementing environmentally preferable practices.
- Training tool to help roll out agency policy
- Reference get the right information quickly

Any agency can take this and fit it to their own needs.

Environmental Stewardship Resource Guide (ESRG)

A tool to be used for:

- Leading by Example at Agency Facilities and Operations
- Improving Agency-wide communication, outreach and marketing
- Expanding web-based tools to support and communicate federal facility stewardship measurement
- Training all Agency Staff in Environmental Stewardship principles, responsibilities and opportunities as required by the EMS

The Environmental Stewardship Resource Guide

- A **one-stop resource** to understanding your responsibilities, your choices and your actions to reduce EPA's environmental impact.
- Helps you figure out how to put all these requirements together
- Can be used in all EPA offices
- A starting point for action is your **Environmental Management Systems (EMS)**



You make the difference!

- Every person has a responsibility to implement Environmental Stewardship practices.
- What each person needs to know, depends on where he or she is within the Agency and what he or she does.
- There are **five areas** covered which represent the areas of responsible actions for:
 - **Every Person (general)**
 - **Program and Resource Managers**
 - **Purchasing Managers and Federal Bankcard Holders**
 - **Federal Facility and Fleet Managers**
 - **Contract and Grant Managers**



Who are you?



- **Every Person:** Every individual at the agency.
- **Program and Resource Managers:** Anyone in the agency who oversees resources, programs or staff from AA's to Team Leaders.
- **Purchasing Managers and Federal Bankcard Holders:** Anyone who has the responsibility to buy products or services.
- **Federal Facilities and Fleet Managers:** Anyone who manages one of EPA's 34 facilities, buildings, environmental services, or transportation needs.
- **Contract and Grant Managers, CORs, WAMs:** Anyone who has a part in any of the Agency's contracts, BPAs, Grants or Cooperative Agreements.

Within each of the areas of responsibility above, you will find specific aspects of **what, how and where to go** in order to develop and implement environmentally preferable actions.

- **What is required? Regulations, Contracts, Executive Orders, Policy**
- **What actions can I take?**
 - Reduce more waste.
 - Reuse and recycle more products.
 - Buy more recycled and recyclable products.
 - Reduce toxic chemicals in waste.
- **Which Resources can I use?**
- **What Training is available?**
- **How is EPA making Strides?**
- **What are other agencies doing?**

Do you know the answers?

All Federal facilities must have EMS – Tor F?

<http://www.ofee.gov/ems/ems.htm>

(To buy paper, office supplies and electronics I would go to...a. Office Depot b. Best Buy c. Corporate Express)

<http://www.epa.gov/oppt/epp/tools/creditcard.htm>

Executive order 13423, directs agencies reduce energy intensity by 15% by a. 2008, b. 2030, c. 2015.

<http://www.epa.gov/greeningepa/energy/fedreq.htm>

Executive Order 13423 applies to: a. all federal government agencies, b. only EPA, c. EPA & GSA <http://www.ofee.gov/eo/eo.htm>

All Fed Govt buildings must have recycling programs T /F

<http://www.ofee.gov/wpr/laws.htm>

Green Contract Language (if a contractor spends more than \$10,000 a year on a product, they must buy it with recycled content if the product is CPG designated T/F) www.epa.gov/cpg

If you don't – Go immediately to

Federal Environmental Stewardship: My Portal to Everyday Environmental Choices

HOME | BACKGROUND | STEWARDSHIP BY ROLES | TERMS & CONCEPTS | HOW TO USE | FOR MORE INFORMATION

WHAT YOU NEED TO KNOW DEPENDS ON WHERE YOU ARE AND WHAT YOU DO.

If this is your first time using this guide, first visit these pages:
Background
How To Use

print version

Explore the wheel to find out what you can do!

Every Person
Any EPA employee, regardless of your role within the agency

Facility & Fleet Managers

Purchasers & Bankcard Holders

Program & Resource Managers

Contract & Grant Managers

Environmental Stewardship for EPA is:

- A shared vision
- A set of values, requirements, and actions
- An economic necessity

Why environmental stewardship?

- Perpetuate healthy people and environment
- Pollute less
- Save valuable resources
- Create a new environmental economy
- Share and increase environmental values
- Comply with regulations and requirements

EPA's "greening of government" goals include:

- Reduction of EPA's environmental footprint
- Sustained health of its employees
- Participation by every employee

STEWARDSHIP BY ROLES:

Every Person | Purchasers & Bankcard Holders | Program & Resource Managers | Contract & Grant Managers | Facility & Fleet Managers

Examples

- Take you through the resource guide:
- Intro/background
- How to use
- Purchases, Fleets and Contracts
- 6 sub areas:

References

Quick References

EPA developed the ESRG mainly from information found at the Web sites below. We've included them here as a shortcut in case you want to explore any issues in greater detail.

EPA

Greening EPA

<http://www.epa.gov/greeningepa>

Resource Conservation Challenge

<http://www.epa.gov/rcc>

Comprehensive Procurement Guidelines

<http://www.epa.gov/cpg>

Recycling/Pollution Prevention

<http://www.epa.gov/epaoswer/osw/recycle.htm>

Reduce, Reuse, Recycle

<http://www.epa.gov/garbage/reduce.htm>

Environmentally Preferable Purchasing

<http://www.epa.gov/epp>

EPA Purchase Card Green Purchasing

<http://purchasecard.epa.gov/node/8>

Environmental Management Systems

<http://www.epa.gov/ems>

EPA Intranet

<http://intranet.epa.gov/oaintran/hqems>

<http://intranet.epa.gov/oaintran/HQrecycling>

Other Agencies/Sites

Office of the Federal Environmental Executive

<http://www.ofee.gov>

Fedcenter.gov

<http://www.fedcenter.gov>

General Services Administration

<http://www.gsa.gov>

Office of Management and Budget/

Office of Federal Procurement Policy

<http://www.whitehouse.gov/omb/procurement/index.html>

Availability of ESRG

- On a CD
- Take it and use it to add your own agency information
- Contact: Marlene Reddoor, (703) 308-7276

Regelski-reddoor.marlene@epa.gov