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# Federal Network for Sustainability Western Region

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Demonstrating Federal Leadership  
in the Western United States



Al Hurt  
OFEE Western Symposium



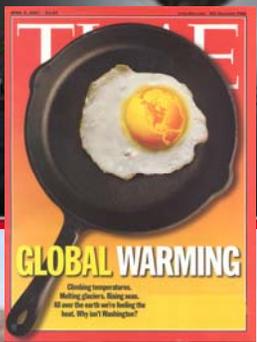
# *Why 'Sustainability?'*

- ***Creates a long term approach to environmental protection and process improvements***
- ***Prevents pollution from the start***
- ***Calls for systems thinking, (e.g. the interconnectedness of the economy, environment, social, and national security concerns).***
- ***Helps identify a strategy or framework***
- ***Leverages scarce resource\$***





# World Drivers



# *21st Century Changes*

*New Vision, Solutions, and Partnerships for Agency Operations*

A time for.....

**Government**



**Civil society**



**Corporations**



*“must all reinvent themselves”*

# EVOLUTION OF ENVIRONMENTAL MANAGEMENT



Adapted from ALCOA Presentation, "Our Story," Pentagon, March 2001

# *21<sup>st</sup> Century Changes So Must Reinvent Ourselves*



## *Why We Do This... Agency Requirements*

### ■ **Executive Order 13423**

- **Strengthening Federal Environmental, Energy, and Transportation Management**

*“The new Executive Order requires Federal agencies to lead by example in advancing the nation’s energy security and environmental performance”*

### ■ **Executive Order 13352**

- **Facilitation of Cooperative Conservation**

*“promotes cooperative conservation, with an emphasis on appropriate inclusion of local participation in Federal decision making, in accordance with their respective agency missions, policies, and regulations.”*

### ■ **Energy Policy Act of 2005**

### ■ **Federal Acquisition Regulations (FAR)**

### ■ **Individual Agency/Departmental policies**



# Sustainable Operations U. S. F O R E S T S E R V I C E



## *Baseline Environmental Footprint Report*

**“We will create within our operations those habits that inspire individual and organizational decisions leading directly to conserving natural, economic and human resources for tomorrow through all the decisions we make”**

In 2006, a multi-regional, management-level, interagency Board of Directors was established to create a management climate that reduces barriers to sustainable operations and integrates sustainable habits into Forest Service culture.

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# Purpose of the Federal Network for Sustainability

- Communicate ideas through conferences and meetings
- Seek linkages and partnerships
- Develop and showcase sustainable programs
- Act as a catalyst for change

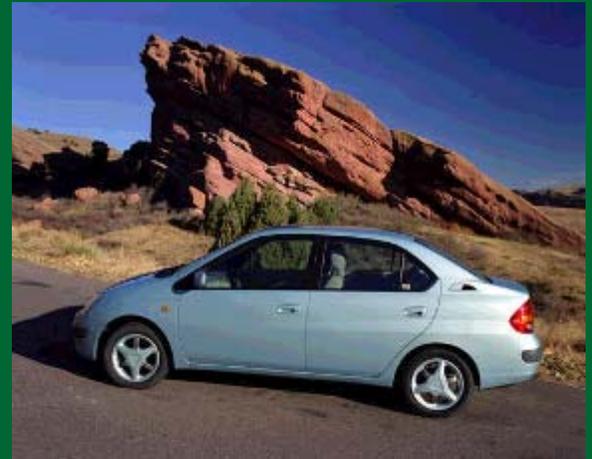




# Primary Area of Focus

- Using the Power of Government as Consumer!

The United States government is the world's **LARGEST** purchaser of consumer products and services.



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# Current 6 Initiatives of FNS

- **Greener Copier Paper**
  - **Electronics Stewardship**
  - **Green Power**
  - **Environmental Management Systems**
  - **Sustainable Buildings/Design**
  - **Biodiesel**
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# Steal These Ideas!

- ***Steal This Book*** – written by radical Abbie Hoffman in 1970
  - ***Steal These Ideas*** – Share sustainable practices with other agencies, let them improve upon them and then steal them back!
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# Greener Copier Paper Initiative Goals

- Raise awareness of environmental issues concerning copier paper
- Create the capability to reduce copier paper use
- Make greener paper more available and less costly
- Make green purchasing easy to implement
- Generate meaningful and measurable results that others can replicate (e.g. six agencies converting to greener paper)



# Greener Copier Paper Successes

## Take Action

- [Learn how to use, or increase your use, of "greener" paper with the FNS Green Paper Wizard.](#) (The Wizard is optimized for use with Internet Explorer. If your web browser does not support JavaScript, please continue viewing this page, and be sure to also check out the [Frequently Asked Questions](#) about greener paper.)
- Get a "snapshot" of the impacts of your agency's paper use: [estimate the quantity of paper](#) used, then input that information into the [Paper Calculator](#) to compare your current paper with a greener paper.
- If you work with a federal agency that is currently using greener copy paper, [contact us](#) and tell us about your experience so that we may provide this information to others.

**Green Paper Wizard**  
*To quickly get the information you need, either use the links on the left, or answer a series of 14 short questions.*



Question 1  
**Want to know why paper matters?**

# Electronics Stewardship Initiative Goals

- Working to develop greener purchasing specifications
- Coordinating among federal agencies to promote greener use and end-of-life management of electronics
- Working with the White House Task Force on Recycling to support the MOU on Electronics through pilot projects.
- Educating federal agencies on greener electronics practices



# Green Power Initiative Goals

- FNS has a three-pronged approach to green power:
  - On-site development of renewable energy technologies
  - Procurement of green power
  - Procurement of green tags or “renewable energy credits”

Central Station Wind Facility



Geothermal Energy Plant



West End Plant Facility, Oklahoma



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# Environmental Management Systems Initiative Goals

- To fully support Executive Orders
  - Provide education and training on EMS principles
  - Share information among federal agencies on experiences learned
  - Promote implementation of EMSs at member agencies
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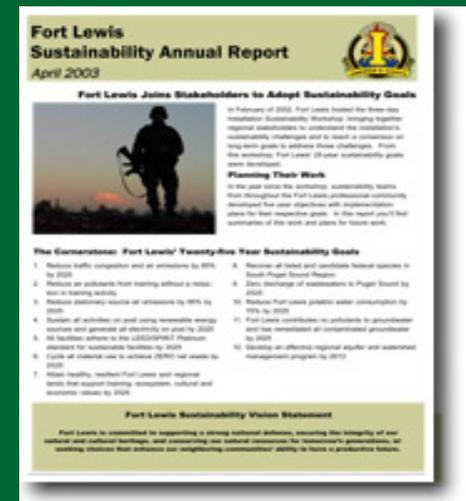
# EMS Successes

**The FNS has provided multiple trainings and opportunities for West Coast federal agencies to share information about their development of EMSs.**

- The ultimate goal of this initiative is to help federal agencies achieve compliance with EMS requirements**
  - Help streamline operations and improve environmental performance in the Western Region**
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# FNS Member Showcase: Ft. Lewis Installation Sustainability Program

- The Objective – A sustainable installation that supports sustainable operations
- The Approach:
  - Begin with environmental issues
  - Establish an environmental baseline document
  - Host an environmental sustainability workshop
    - Involve stakeholders
    - Establish 25-year goals
  - Develop 5-year implementation plans
  - Establish Installation Sustainability Board



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# Sustainable Buildings Initiative Goals

- Develop high-performance buildings case studies
  - Introduce concepts and provide information on sustainable buildings to agency personnel
  - Identify what FNS agencies are doing in sustainable design at the regional level
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# Sustainable Buildings Actions

In September 2002, the Federal Network for Sustainability adopted a fifth initiative Sustainable (Green) Buildings.

- This initiative will seek to work within our own agencies to improve and build upon sustainable programs, practices, education, and experience and to share information across agencies and other organizations.
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# Biodiesel Initiative

- Support the goal of the West Coast Diesel Emissions Reduction Collaborative to reduce air pollution emissions from diesel sources along the west coast
- FNS will do this primarily through education and outreach, including the development of information on “How to Buy and Use Biodiesel Fuels” posted on the FNS website



# Biodiesel Initiative

## Take Action

- Learn how to use, or increase your use, of biodiesel fuel with the Biodiesel Technical Reference Guide. Use the [Biodiesel Wizard](#) to navigate quickly through the Guide. (If your web browser does not support JavaScript, please go to the [Biodiesel Technical Reference Guide - Table of Contents](#).)
- If you are a federal agency who is currently using biodiesel fuel, [contact us](#) and tell us about your experience so that we may provide this information to others.

### Biodiesel Wizard

*To quickly get the information you need, either use the links on the left, or answer a series of 16 short questions.*



Question 1

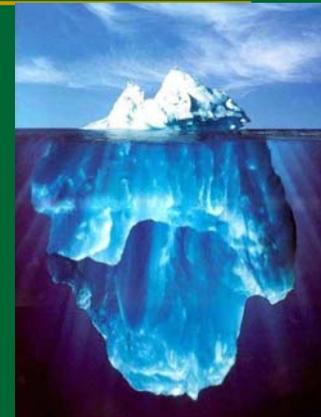
**Do you currently use, or plan to use, diesel fuel?**

Yes

No

# Obstacles Faced

## Internal & External



- Lack of necessary expertise/training
  - Lack of management buy-in
  - No direct line of accounting supporting specified sustainability practices
  - Training is the initial & primary strategy to overcoming barriers above.
  - Pairing sustainability with EMS is very important
  - Sharing of best practices is essential
  - Perceived costs from doing work with no direct \$ benefit
  - Development of metrics is difficult, but worth it
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# *Partnering for Success Partnering for Success*

*An integrated and systematic approach that includes all stakeholders – military, civilian, communities, regulatory agencies...*

***Achieves consensus, READINESS and ensures Mission Success***

Partnering helps you to leverage the resources, knowledge, creativity, assets, and personal energies of your workforce, and those of your customers and your stakeholders to help you better achieve your business objectives

- Capitalize on the successes of others
- Optimize our resources/infrastructure
- Improve our performance
- Enhance our security
- Academic Interaction



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***Partnering is the ultimate “force multiplier”***



# San Diego Regional Sustainability Partnership



San Diego Regional Sustainability Partnership  
Charter

## 44 Organizational Members

**Background:**  
Sustainability has emerged as a global theme of the 21<sup>st</sup> century. It is a concept that balances the interrelationships of the environment, economy, and quality of life and that recognizes the importance of one generation to the next. We share the goal of establishing partnerships to conduct policies, research, technology, and program supporting a more sustainable San Diego region for all generations.

**Values:**  
The foundational and conceptual partnership shares a vision for a bright future that includes the careful and intelligent use of resources, conservation and preservation of the natural environment, and a higher quality of life for both present and future generations encouraging sustainable practices and technologies across such areas as energy, housing, public and private facilities and transportation.

**Actions:**  
All members of the Partnership are committed to produce tangible results within their organization that are consistent with the vision. These individual actions will collectively contribute to a sustainable region.

**Our Pledge and Commitment:**  
We the undersigned will help guide the San Diego region toward a sustainable future. To achieve this, we commit our participation and support to the San Diego Regional Sustainability Partnership as the innovative approach to regional leadership.

*(List of 44 organizational members with signatures and names follows)*

Date: November 2, 2006



SAN DIEGO REGIONAL  
SUSTAINABILITY PARTNERSHIP



### Home

#### Board of Directors Nominations

- Intro letter
- Commitment Statement
- Nomination Form

#### The Partnership

- News & Info
- Calendar
- Charter
- Goals
- Participate
- Join The Metrics Task Force ←
- Case Studies
- Policies

## Sustainable San Diego

is an information sharing, collaborative effort to reduce pollution, enact energy savings, and to improve the quality of life in the San Diego Region.

*“Sustainability is the ability to achieve continuing economic prosperity while protecting the natural systems of the planet and providing a high quality of life for its people.”*

From the [U.S. Environmental Protection Agency](http://www.epa.gov)

SDRSP is now accepting nominations for the board of directors. Please refer to the [intro letter](#) from Mark Loukides for more information.

## Upcoming Events

**San Diego Green** Sept. 26<sup>th</sup> thru 28<sup>th</sup>, 2007  
Organized by the San Diego Chapters of the U.S. Green Building Council of and the American Institute of Architects  
[www.sandiegogreen.org](http://www.sandiegogreen.org)



# Becoming that leader

- ✓ Long term perspective & a global mindset
- ✓ Passion for sustainability
- ✓ Influence & persuasion rather than command & control
- ✓ Tenacity
- ✓ Optimism & positive action
- ✓ Capacity for innovation
- ✓ Integrated thinking - systems approach
- ✓ Managing multi-stakeholder relations
- ✓ Leveraging small steps into giant leaps



# Benefits & Actions



- Influencing markets by leveraging buying power
  - Reduce barriers more collaboration between federal, state, and local governments
  - Calculating carbon emissions, green energy, and green paper use
  - Increased networking = expedited movement toward sustainable practices
  - Further connect with Office of Federal Environmental Executive
  - Increased participation by replicating FNS throughout the U.S.
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# Demonstrated Outcomes

*Walking the same path....*

- Maximizes operational efficiencies
- Eliminates redundancies
- Adds flexibility and responsiveness
- Reduces and avoids costs
- Improves product quality and contract delivery
- Overcomes resource limitations
- Enhances decision making
- Improves regulatory compliance
- Enhances security
- Improves Health & Safety performance
- Reduces environmental impacts
- Gets the most out of their people
- Improves organizational and infrastructure efficiency
- Improves resource utilization
- “Does more with less”



# Our Way Forward.....



- Watershed & Water Resources
  - Clearinghouse of Successes & Metrics
  - Sustainability and Homeland Security
  - Standardized Training
  - Federal Networking in Other Areas
    - -Michelle Pirzadeh, Acting EPA Deputy Regional Administrator  
Letter dated Feb. 1, 2008 to HQ EPA
    - -Louise P. Wise, EPA Principal Deputy Associate Administrator  
Office of Policy, Economics and Innovation  
US Environmental Protection Agency Email to DRAs and DAAs,  
April 21, 2008
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# How to Get Involved

- **Contact Peter Kennedy, FNS Chairman, US Navy at (619) 532-2350 [Peter.a.Kennedy@navy.mil](mailto:Peter.a.Kennedy@navy.mil)**
  - **Attend FNS supported conferences, meetings, and trainings**
  - **Sign the Statement of Unity**
  - **Join our email listserv**
  - **Tell us your success stories, and we'll help you get the word out to others!**
  - **Check our website for a current list of upcoming events:**
    - **[www.FederalSustainability.org](http://www.FederalSustainability.org)**
    - **[www.FederalSustainability.net](http://www.FederalSustainability.net)**
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Questions?



# Federal Network for Sustainability

- Signed Earth Day 2000
- Network for sharing successes and investigating solutions on sustainability

Signed by the western regional offices of these agencies:

- EPA Regions IX and X
  - National Park Service – Alaska Region, Intermountain Region, and Pacific West Region
  - GSA – Northwest Arctic Region and the Pacific Rim Region
  - U.S. Navy – Commander Navy Region Northwest and Southwest
  - U.S. Air Force Center for Environmental Excellence – Western Region Office
  - U.S. Army – Western Regional Environmental Office, Fort Carson, Fort Lewis
  - U.S. Army Corps of Engineers – Northwestern Division, South Pacific Division and Pacific Ocean Division
  - U.S. Dept. of Energy – Central Regional Office, Golden Field Office, and National Nuclear Security Admin. Livermore Site Office, Bonneville Power Administration in Portland, Oregon, Western Power Administration
  - NASA – Ames
  - U.S. Postal Service – Pacific Facilities Service Office
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