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Solid Waste Reduction in the Coast Guard

Environmental Benefits from Non-Environmental Activities

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Dr. Kenneth B. Malmberg

Office of Environmental Management

United States Coast Guard

(CG-443)



Assistant Commandant for
Engineering and Logistics (CG-4)



What Can You Get Out of This



How innovative inventory management and control can have compound environmental, support, and operational benefits-

- Reduce
- Reuse
- Recycle
- Rebuy

Reusing and recycling can become a successful peripheral part of a larger effort-





The Case in comparison



Recycling Focus

Peripheral to the
logistical focus

100% recycling

1. Field Unit Inventory
Redistribution
Program (FUIRP)
2. US CG Qualified
Recycling Program





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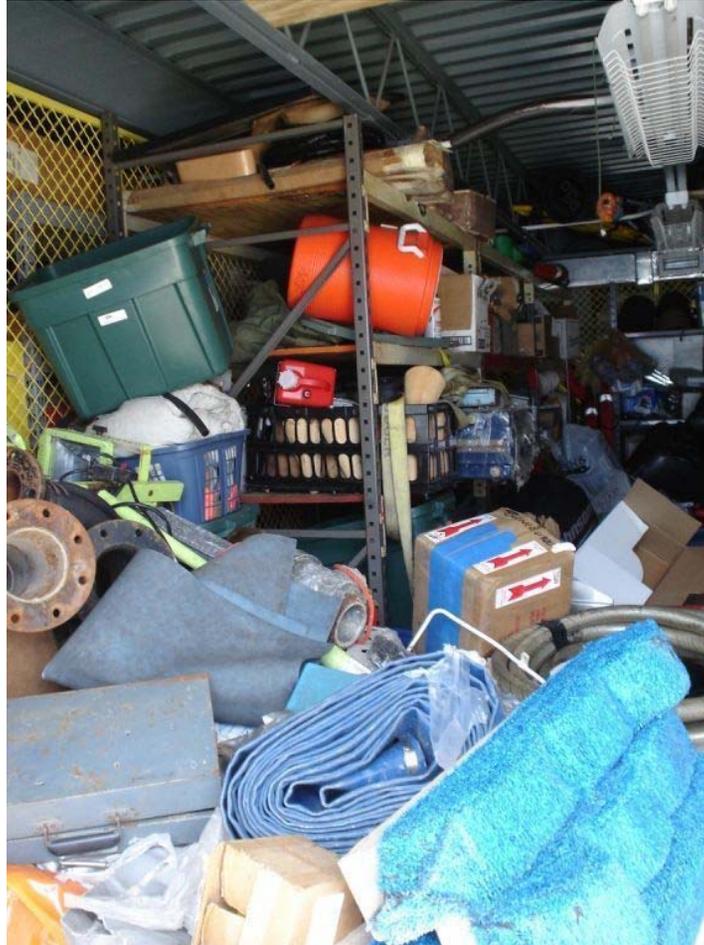
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FUIRP



- Project begun as result of CFO Act audit
- Soon became the largest inventory reuse effort in history of USCG
- Synergy with other CG environmental stewardship roles soon became apparent
- Removed \$160M in parts from 691 units
- 230 tons diverted from land fill by reuse/resale

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Some Coast Guard benefits



- Sent less to landfill
- Cleaner CG sites; improved public image
- Candidate for CG, DHS, White House environmental awards
- Tangible energy use reductions





Results



- Stewardship seen as a core mission
- Beyond compliance
- Ongoing evolution toward best practices
- Long term culture change





Some CG lessons learned



- Take the easy way-sometimes just mentioning recycling/reusing gets results
- Complaints are lessened
- Needs constant promotion to attain full participation





3 Rules of Reusing



1. Gain support-

- take advantage of outside changes
- work quietly/work other offices in a constant need to ingrain the behaviors
- integrate into other programs, such as awards, logistics, operations





2. publicize

- write articles in publications
- Take advantage of individuals in pivotal positions
- rely on precedent

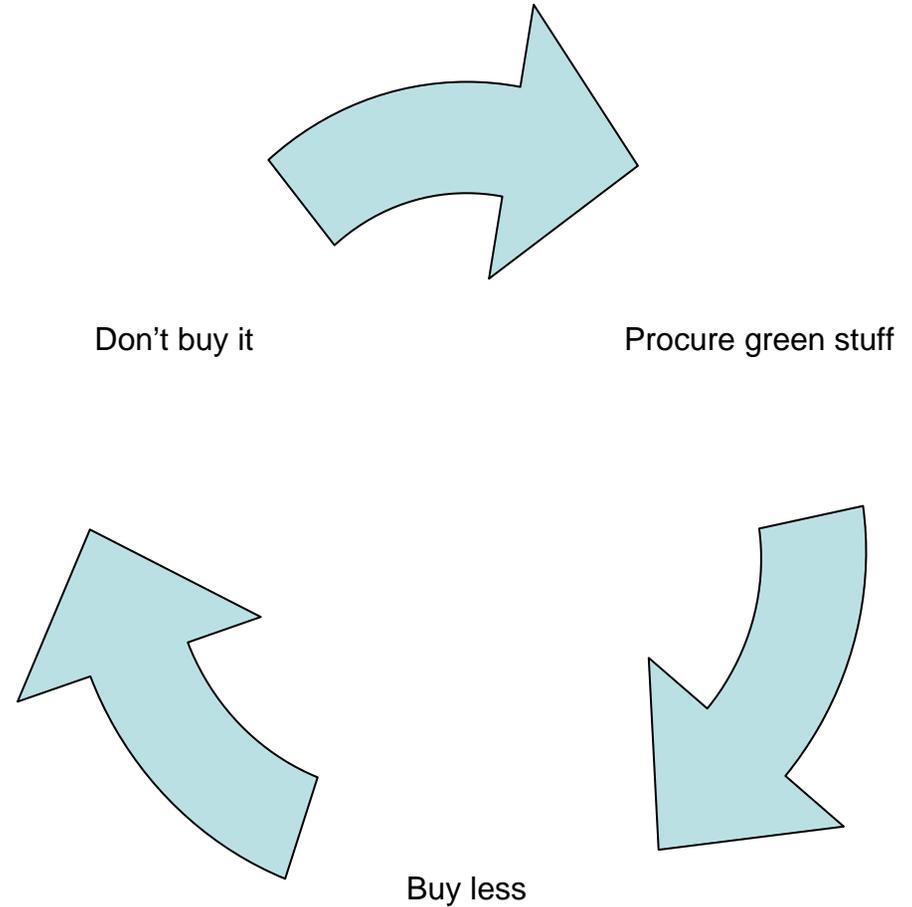




More on reuse



3. Use the experience to launch new (different) initiatives





Reward best practices



- CG-4 memo to field, citing practices and advantages of them
- Commandant's Environmental Stewardship Commitment





THE COMMANDANT OF THE UNITED STATES COAST GUARD
WASHINGTON, D.C. 20593-0001

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The Commandant's Environmental Stewardship Commitment

The United States Coast Guard is recognized as America's Maritime Guardian. We have long been charged with enforcing the laws and regulations that protect our country's marine environment, responding to vessel pollution, and restoring waterways following a disaster. As Environmental Stewards, we make a commitment to the American public and to future generations, not only to protect the environment, but also to demonstrate these values in our organization.

To maintain the public's trust, the Coast Guard will incorporate environmental best practices in all we do. We will

Develop an organizational capability to disseminate best practices, reduce environmental liabilities, and help all units achieve and maintain environmental compliance;

Undertake the *Federal Electronics Challenge* for recycling computers and other electronics;

Increase the use of biofuels in our vehicle fleet by 15% over each of the next four years;

Utilize sustainable design principles so that 25% of new construction projects will meet Leadership in Energy and Environmental Design (LEED) standards by the end of my watch;



Fully implement Environmental Management Systems (EMS) at major Coast Guard industrial units by the end of my watch.

I challenge all Coast Guard units to improve the environment, and to reduce our environmental footprint. Do your part, wherever you are within the organization, to make environmental stewardship a Coast Guard core competency.

Semper Paratus,

T.W. ALLEN
Admiral, U.S. Coast Guard





Success Indicators



- Stewards of the Commandant's Environmental Policy Commitment
- More sustainable unit operations
- Adherence to directives and pubs
- Award winning behaviors
- Goal merger with other targets—safety, energy, maintenance practices, procurement





More indicators



- Public acceptance and praise
- Visibly competent
- Improved performance that leads to more accountability





QRPs



- Currently 122 QRPs in place, approx 40% are vessels
- Funds received go into MWR
- About 10% of QRPs are used annually





- **The Coast Guard also makes use of established procedures to emphasize environmental action---**
- **Job aids**
- **Directives**
- **Comdtpubs**
- **Comdtinsts**
- **Best practices**
- **Awards**





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OEM website:

<http://www.uscg.mil/systems/gse/uscg-environmental.htm>

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