



***National Defense Industrial
Association
Energy and Environment
Symposium***



**Army Environmental
Program Successes**



**Are we good
stewards of th
environment?**





Or, the nation's "worst" polluter?

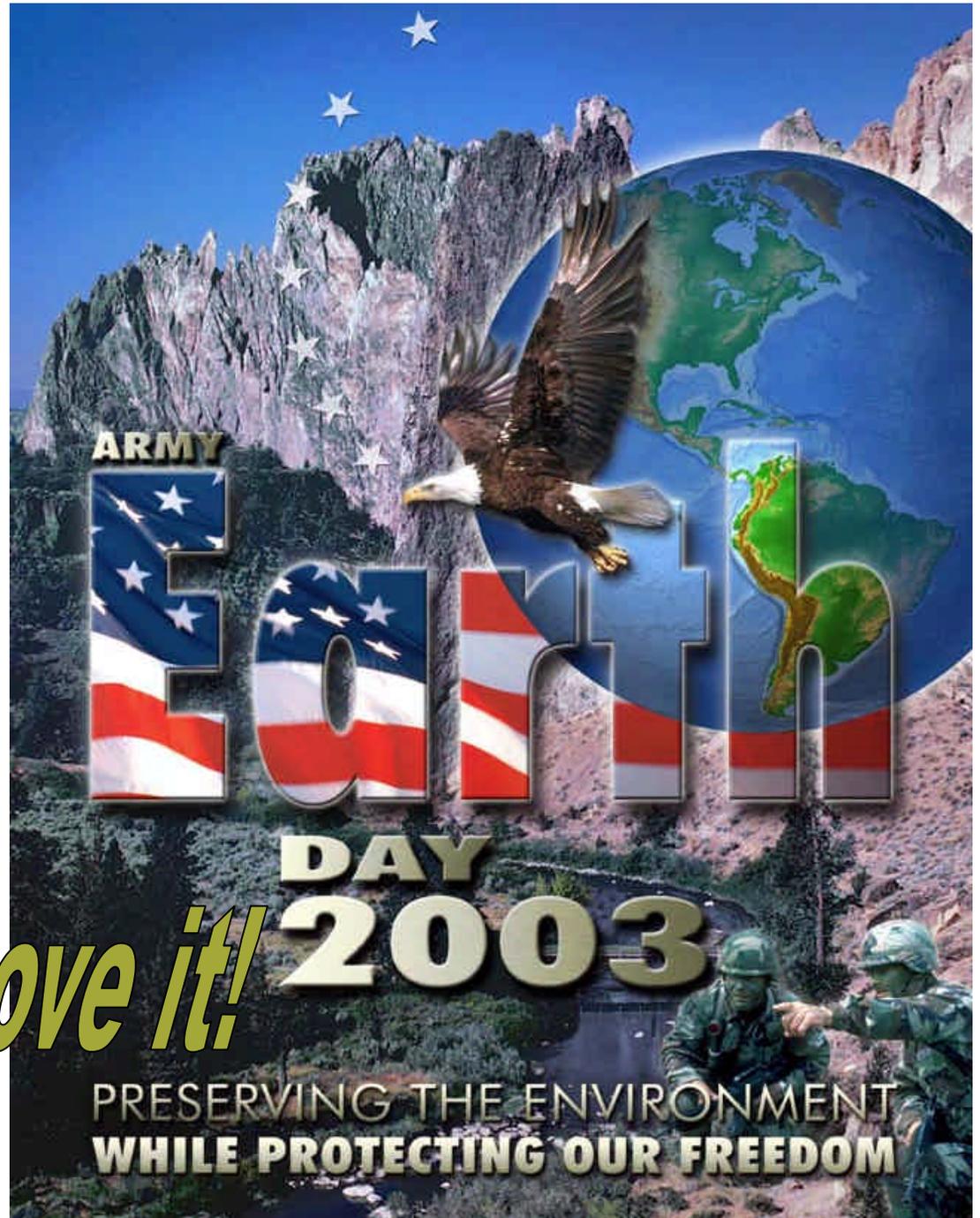




The answer is simple:

**We preserve the
environment while
protecting our
freedom**

And, we can prove it!





We have a vision and strategy for the future...



Environmental Vision (draft)

An Army culture in which decisions, made at appropriate levels, optimize availability of land and infrastructure and minimize impediments to readiness, environmental damage, and environmental risks to human health.





And we know wh success looks like...



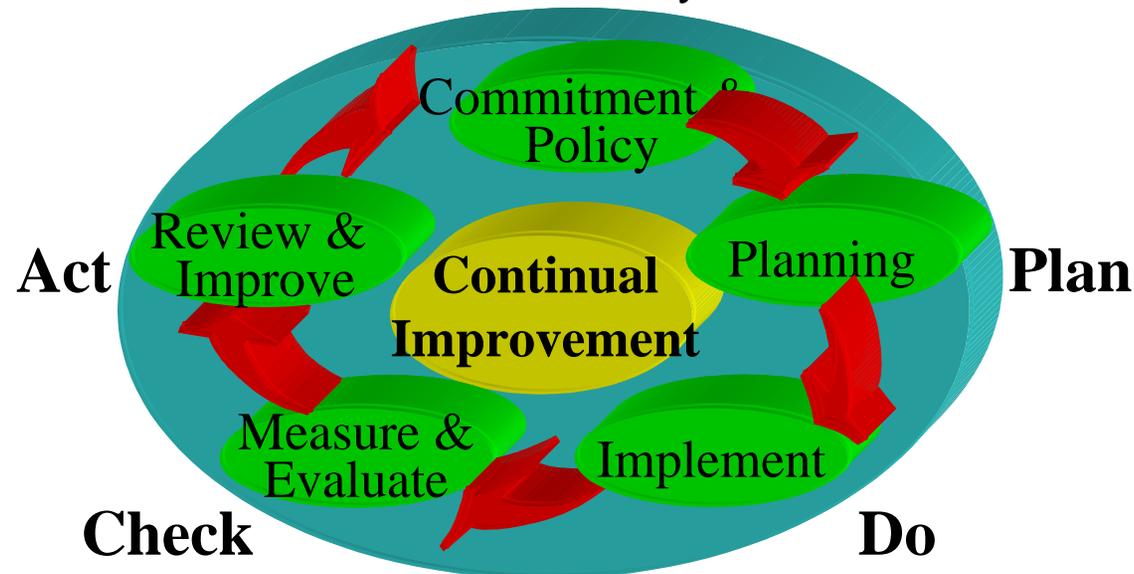
- Protection of human health and safety
- Enhanced well-being for soldiers, their families, and neighboring communities
- Sustainable installations that consume resources no faster than they can be replenished:
 - Installation management plans that embrace sustainability by looking out 25 years into the future like Forts Bragg, Lewis, Hood and Fort Carson





Success looks like

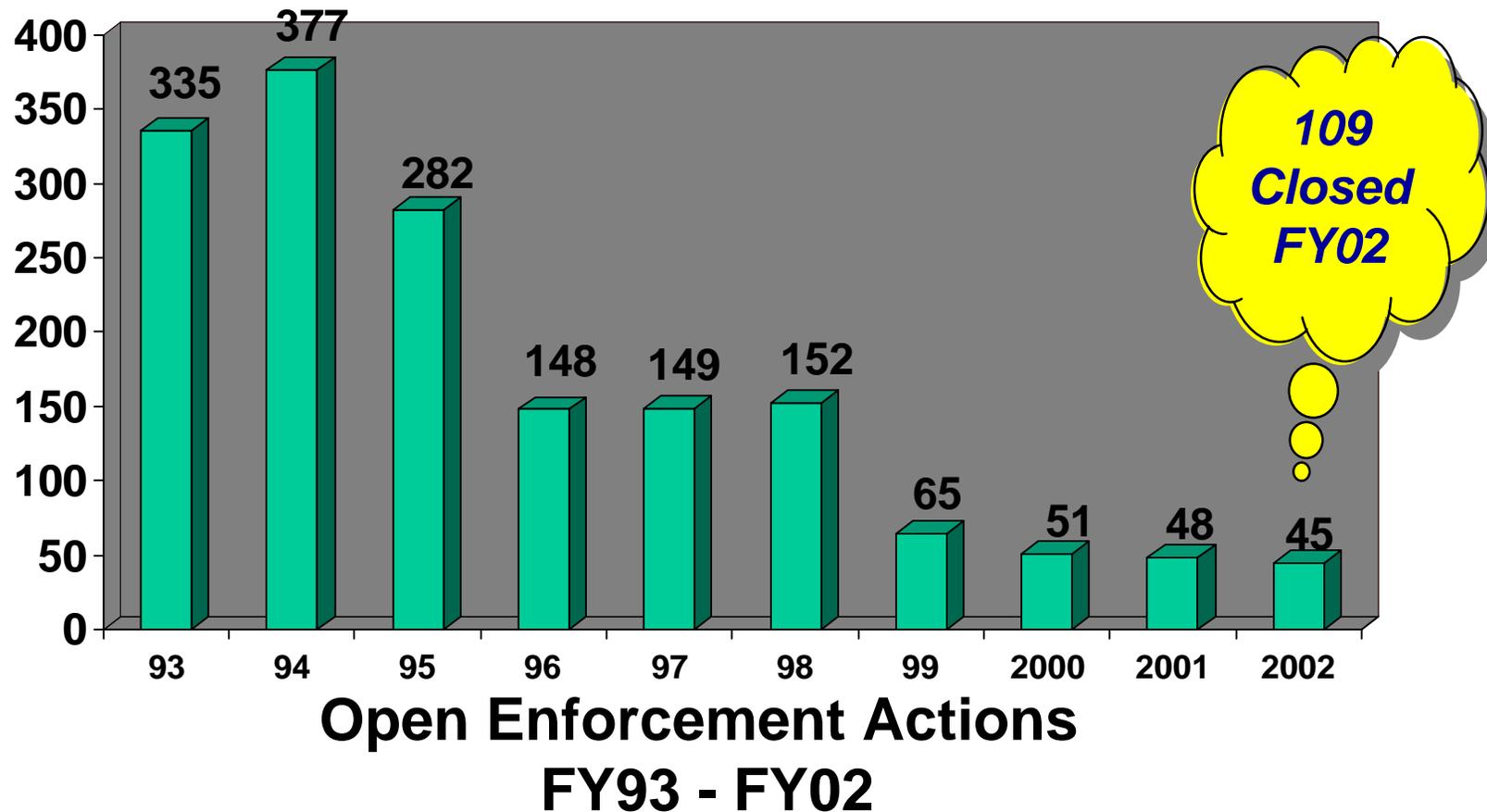
- Use of an Environmental Management System as a tool for addressing mission & leadership priorities with use of EO 13148 to affect a basic shift in Army installation management practices:
 - EMS in place NLT 12/31/05
 - Full conformance with ISO 14001 by 2009





Success looks like...

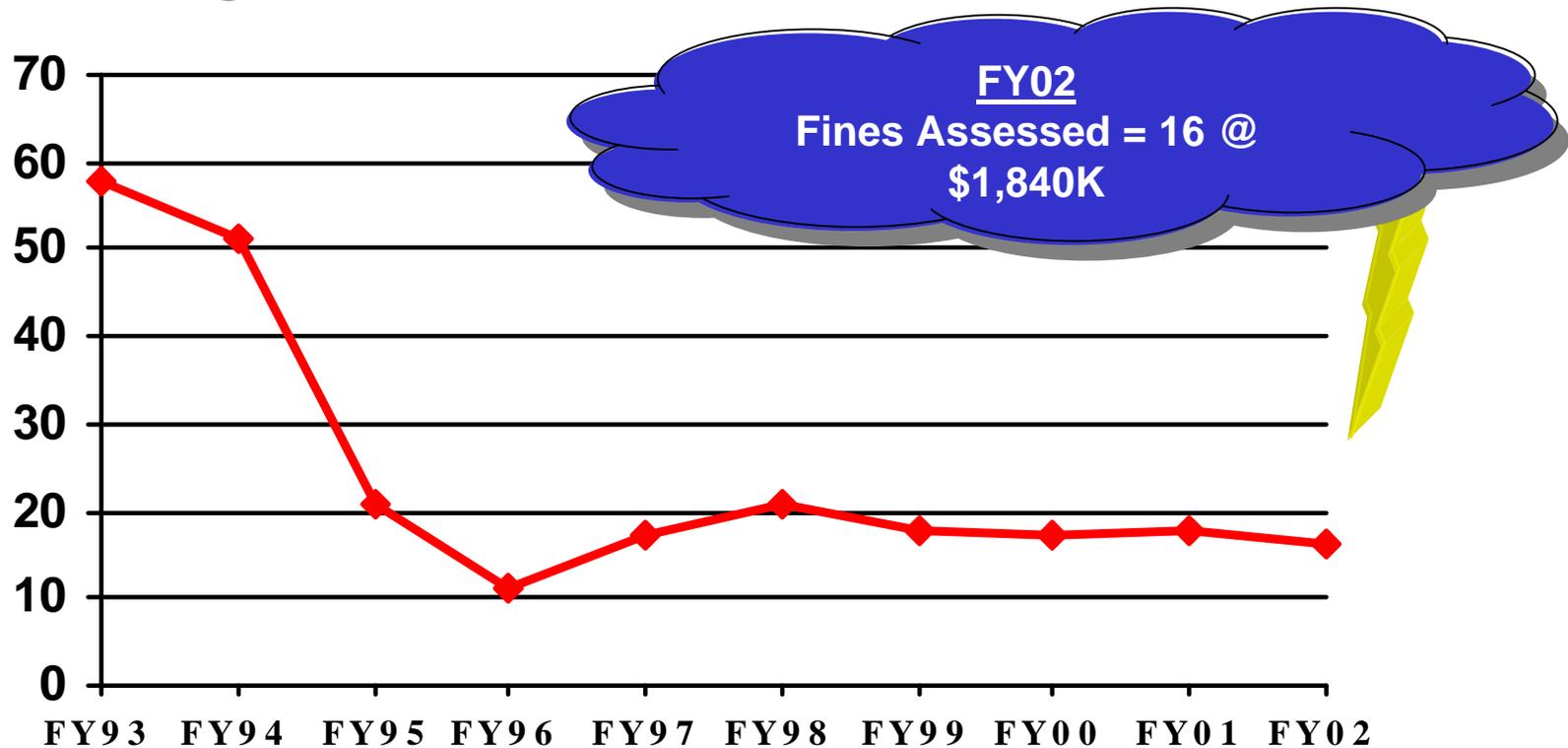
A continuing reduction in open enforcement actions





Success looks like...

A continuing reduction in number of fines assessed



**Number of Fines Assessed
FY93 - FY02**



***So come on
in and hear
about our
success
stories!***





Private Lands Initiative at Fort Bragg



- Precedent-setting land partnership between the Army and The Nature Conservancy has acquired 5,800 acres of long-leaf pine to expand habitat of endangered red-cockaded woodpecker
- The Nature Conservancy buys land from willing sellers with Army, state, and private funds. Manages for conservation purposes while allowing compatible soldier access
- Benefits to Army include:
 - reduces training restrictions on the installation
 - provides increased access to adjacent lands for soldier training
 - protects the boundary of Fort Bragg from incompatible land use



POC: Scott Belfit, SFIM-AEC-CDN, (410) 436-1556



Pollution Prevention at Fort Irwin



- Fort Irwin is one of the first installations to surpass DoD's goal of diverting 40 percent of all solid waste currently generated
- Increased the amount of materials being recycled by 400 percent, saving \$1.2 million since 1997
- Diverted 2,600 tons of sewage sludge and 60,000 cubic yards of waste wood from landfills in the last three years, eliminating these waste streams
- Reduced annual hazardous waste disposal costs by \$2 million from 1997- 2002
- Maintained a violation-free status for more than five years for both the hazardous waste program and the waste water and drinking water program



POC: Ms. Justine Dishart, AFZJ-PW-EV, (760) 380-3743



Environmental Quality in Texas National Guard



- The Texas Army National Guard manages 55,000 acres in support of military training and for public recreation located across all of the state's 12 natural regions
- Developed a new system for recovering hazardous wastes at the vehicle rebuilding and rehabilitation facility in Saginaw, that recycled 136-percent more solvents, antifreeze, diesel fuel and freon than in previous years
- Implemented a full-circle environmental management system for treating hazardous waste and materials
- Promoted adoption and development of environmental sustainment plans for all Texas training sites



POC: Ms. Valerie Stein, AGTX--EV, (512) 782-6813



Standardized UXO Technology Demonstration Site at APG



- Standardized UXO technology demonstration sites provide technology developers and users the ability to gather data on sensor and system performance compare results and document realistic cost and performance information
- Advancements in UXO detection and discrimination technologies are necessary to support the operation, restoration, and transfer of ranges
- Aberdeen Proving Ground, MD is the first of two standardized UXO technology demonstration sites



POC: George Robitaille, SFIM-AEC-PCT, (410) 436-6865



Cultural Resources Successes



Archeological site, Ft. Drum, NY



Archeological site, Ft. Wingate, NM



Commandant's House,
West Point, NY

Medicine Bluff, Ft. Sill, OK



Historic District, Ft.
Monroe, VA



Introduction

- 121,772 buildings in U.S.*
- 16.7 million acres on approximately 180 installations
- 63,828 archeological sites**
- 4.2 million acres inventoried for archeological sites**
- 52,663 buildings currently over 50 years old* (43%)
- 80,254 buildings will be over 50 in next 10 years* (66%)

* IFS Sep 02

** 02 EQR



Congressional Directive

- 1997 Defense Appropriation Act Conference Committee Report required the Army to develop a strategy to reduce costs associated with historic properties
- March 1997 – Report to Congress on Historic Army Quarters and Properties
 - Committed to Congress to implement a strategy addressing regulatory affairs and inventory management
 - Report was coordinated with Advisory Council on Historic Preservation (ACHP), National Conference of State Historic Preservation Officers (NCSHPO), and National Park Service

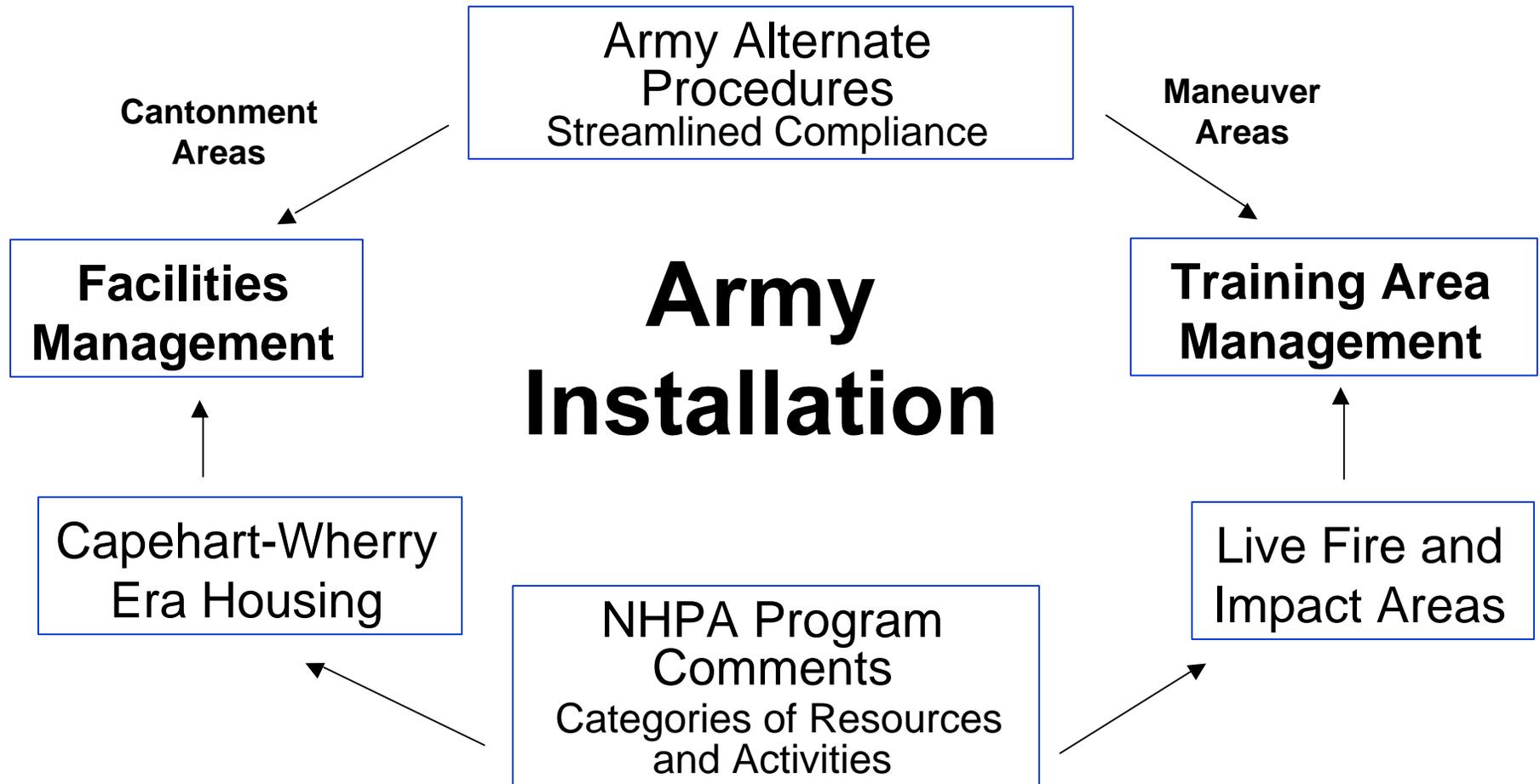


▪ **NHPA Compliance Strategy**

- **Regulatory Streamlining Plan**
 - **Army Alternate Procedures - implementation ongoing**
- **Inventory Management Plan**
 - **To address growth in the inventory of properties subject to NHPA compliance by addressing categories of properties and actions Army-wide**
 - **Capehart-Wherry Army Family Housing – implemented**



Improved Army Business Practices for NHPA Compliance





AAP Operational Concept

- Develop a Historic Properties Component (HPC) Plan with Standard Operating Procedures (SOPs) in consultation with stakeholders (HPC based on existing ICRMP)
- Internally implement plan for 5-year period
- NEPA keeps stakeholders advised of individual actions and provides opportunity to comment on individual projects



Goals of Army Alternate Procedures

- Develop procedures to implement Section 106 and substitute those procedures for subpart B “The Section 106 Process” (36 CFR 800.3-800.13)
- Provide for plan-based internal regulation of historic properties
- Leverage existing requirements (ICRMP, NEPA) and installation knowledge
- Change regulator/regulated relationship in Section 106 compliance to a partnership via internal program development and execution



Inventory Management Plan: Army-wide Capehart-Wherry Housing NHPA Program Comment



*Capehart Multi-Family Unit
Aberdeen Proving Ground, MD*



Capehart Duplex, Ft
Bliss, TX



Capehart-Wherry Programmatic Compliance

- Approval received from the Advisory Council on Historic Preservation in FY 2002 implements a one time, Army-wide programmatic compliance action that fulfills all requirements for 19,600 family housing structures built between 1949 and 1962
- The Army will avoid significant costs and process delays incurred through standard project by project compliance
- Most of the Capehart-Wherry era housing is considered inadequate and is scheduled for rehabilitation, demolition, replacement, transfer, or sale in the next 10 years



POC: Dr. David Guldenzopf, SFIM-AEC-CDN, (410) 436-1580



Need for Army-wide Approach for Capehart-Wherry Era (1949-1962) Housing

- 36,939 total Army Family Housing buildings* in the US
- 4,385 Army Family Housing buildings currently are subject to NHPA (12%)
- 19,616 Capehart and Wherry Era buildings
- All Capehart and Wherry Era housing will be 50 years old in the next 10 years, creating a major NHPA compliance requirement (65% of Army Family Housing) absent an Army-wide programmatic approach

* Data from IFS - 4Q FY01



NHPA Compliance Strategy for Live Fire Training and Testing



Scope of Program Comment for Live Fire and Effects to Historic Properties in Impact Areas

Army Dudded Impact Areas *

- 69 active installations with dudded impact areas in the US
- 190 dudded impact areas on these 69 installations
- 1,782,494 acres of dudded impact area in the US
- 10.7% of total Army lands (16.7 million acres)

* ARID database



NHPA Compliance for Live Fire Training

Issues:

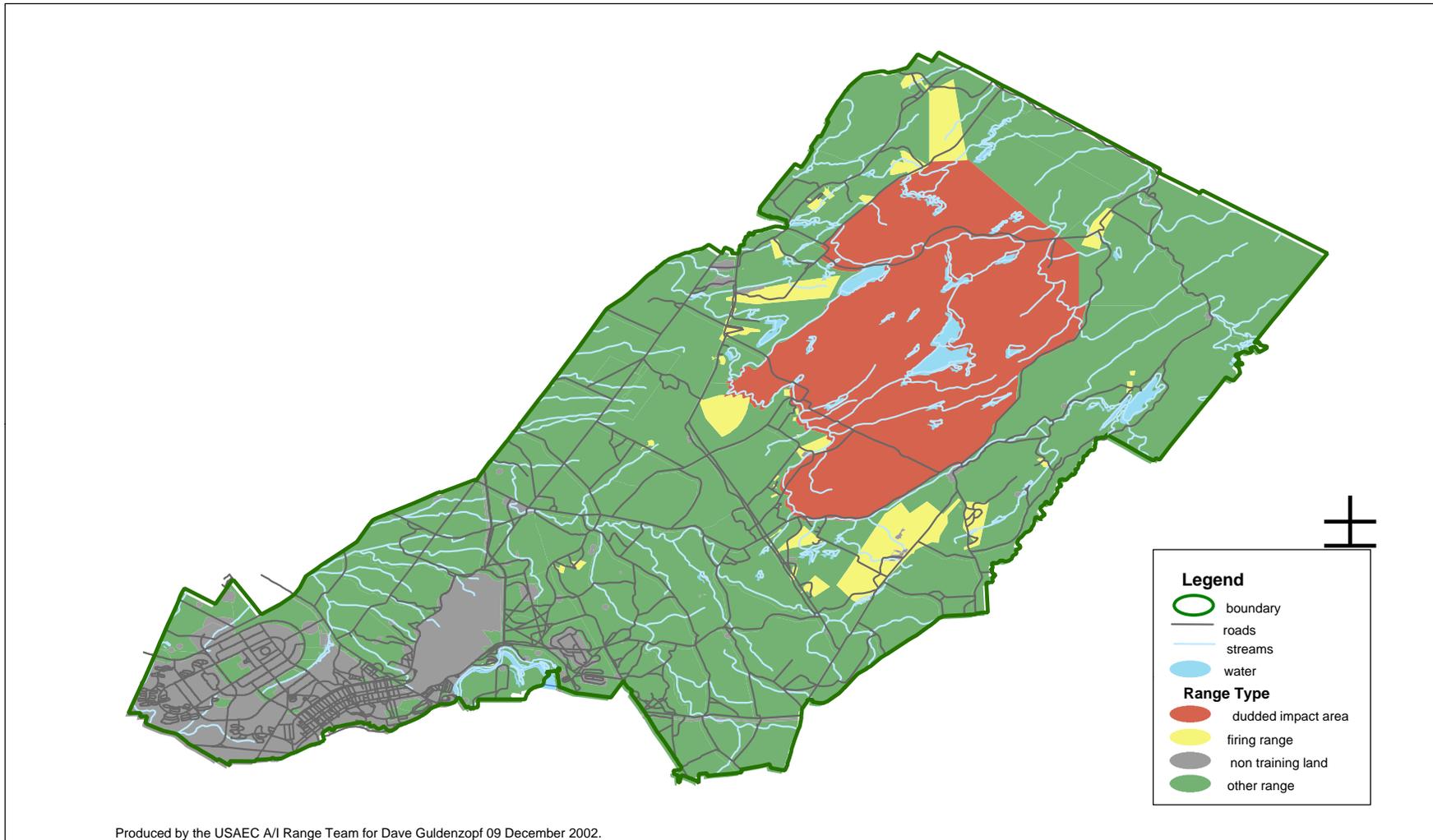
- Army NHPA compliance agreements do not address effects of live fire training/testing on historic properties in duded Impact Areas.
- Effects of live fire training on historic properties in Impact Areas was a major factor in court decision causing Army to cease live fire training at Makua, HI.

Solution:

- Army-wide NHPA Program Comment for Live Fire Training and Testing and resulting effects to historic properties in duded Impact Areas



Representative Installation





Program Comment Process

- Army Secretariat notice to ACHP of intent to seek Program Comment
- Information meetings with NCSHPO, NATHPO, and NTHP
- Army initiates public participation requirement through NEPA process
- Army provides ACHP with formal request for Program Comment
- ACHP notifies and considers views of SHPOs/THPOs, Indian tribes, and Native Hawaiian organizations
- ACHP issues Program Comment to Army



Expected Results of Program Comment for Impact Areas

- Provide installations with an Army-wide NHPA compliance action that supports Force Readiness in full compliance with Section 106
- Address an issue having DoD-wide implications considering the extent of use of Army impact areas by other services
- An important element in demonstrating a comprehensive Army approach to “Improve Business Practices for NHPA Compliance”

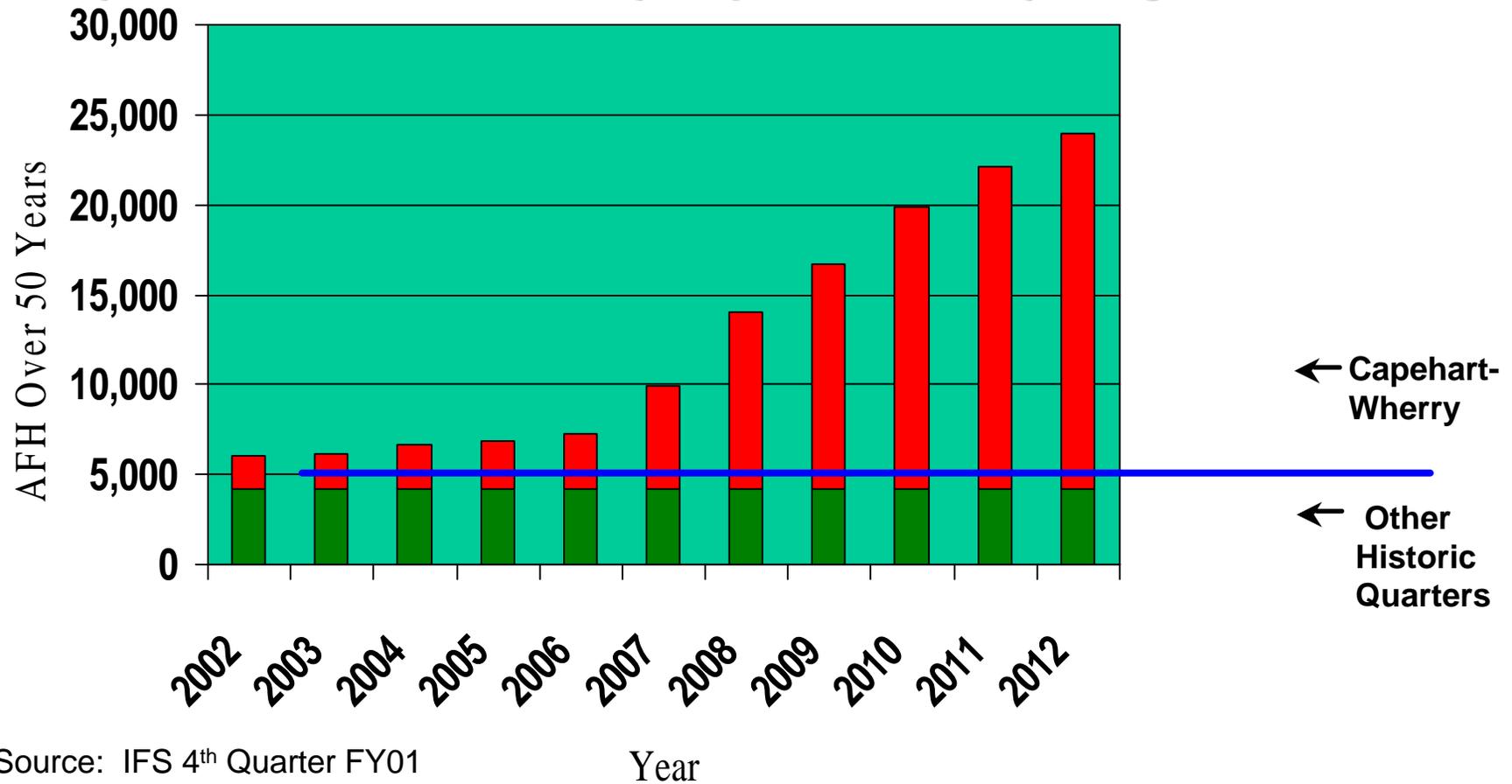


QUESTIONS?





Future Growth in Inventory of Army Family Housing Subject to NHPA Reduced by Capehart-Wherry Program Comment*



Source: IFS 4th Quarter FY01

