



Defense Environmental Management Programs

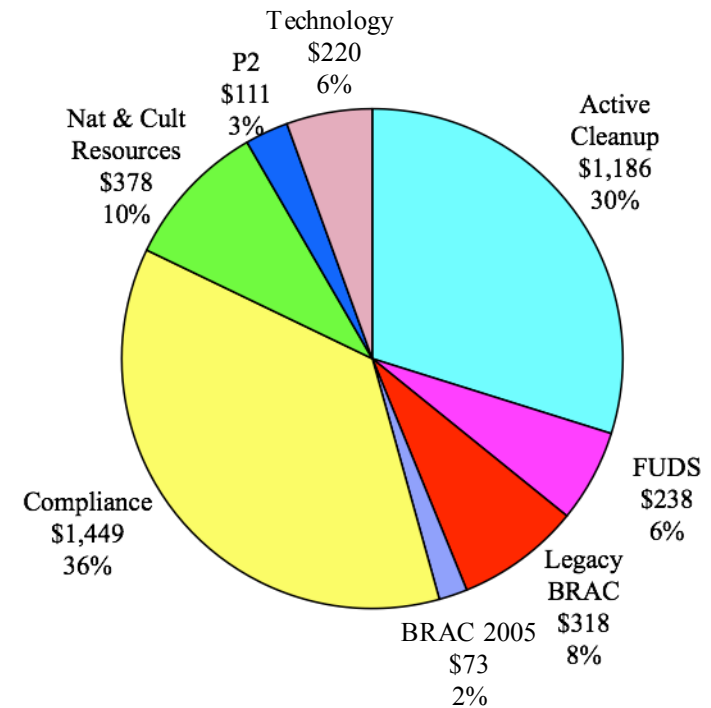
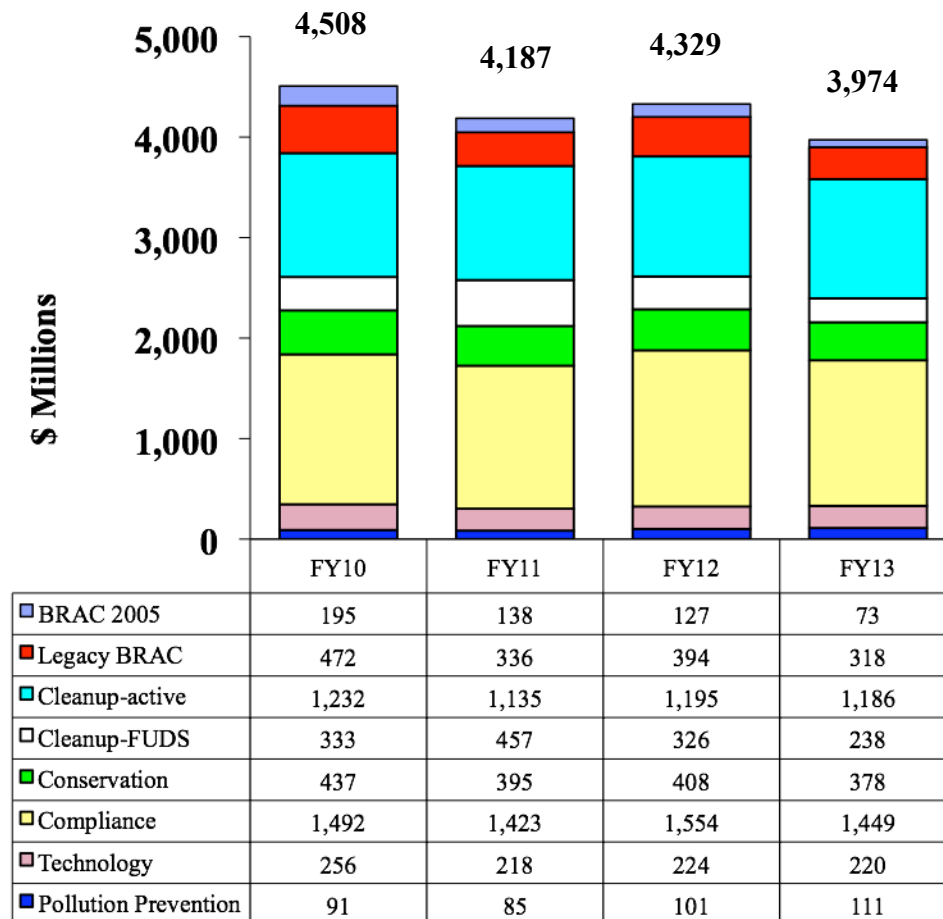
Fiscal Year 2013 President's Budget Request

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ODUSD(I&E)



Environmental Management Programs (\$ Millions)

FY 13 Request \$3,974 Billion



Congressional Adds

\$M	FY 11	FY 12
FUDS	\$40	\$50
BRAC	\$0	\$0
ACTIVE CLEANUP	\$20	\$0
NALEMP	\$12	\$12
REPI	\$60	\$0



Compliance (\$1,448 Million)

Complying with environmental regulations in day-to-day operations

	FY10	FY11	FY12	FY13
REQUEST	\$1,618	\$1,570	\$1,551	\$1,448
ESTIMATE	\$1,595	\$1,529	\$1,554	
ACTUAL	\$1,492	\$1,422		

FY2011 Accomplishments

- Improved to 97% of DoD population receiving drinking water meeting regulatory standards
- Reached 95% compliance rate for DoD's water pollution control permits
- Successfully negotiated CWA concerns on EPA's proposed storm water permit program for the District of Columbia
- Trained over 240 DoD personnel in the American Indian and Native Hawaiian Cultural Communication Course in FY2011, with over 1,800 trained since FY2004
- Issued DoD Instruction policy on consultation with Native Hawaiian Organizations (DoDI 4710.03)

FY2012/2013 Challenges

- Implementing new CWA discharge permit requirements for pesticide application
- Determining reasonable storm water fees under new CWA amendment
- Implementing revised measures of merit for interaction with Federally-Recognized Tribes
- Meeting the new Chesapeake Bay's pollution control requirements



Conservation (\$379 Million) Natural & Cultural Resources*

Providing flexibility for mission activities while protecting natural and cultural resources

	FY10	FY11	FY12	FY13
REQUEST	\$323	\$320	\$380	\$379
ESTIMATE	\$322	\$325	\$408	
ACTUAL	\$437	\$394		

FY2011 Accomplishments

- Promulgated new DoD Natural Resources Conservation Instruction (DoDI 4715.03)
- Avoided critical habitat designation for 14 species on 17 installations covering over 20,000 acres
- Worked with DoD Master Planning community to ensure that cultural resources management requirements were included in development of the first Unified Facilities Criteria for DoD Master Planning
- Developed first contingency operations cultural resource guidance as part of CENTCOM's Contingency Environmental Guidance Regulation

FY2012/2013 Challenges

- Initiate efforts to avoid critical habitat designation for 60 candidate species with the potential to impact military activities
- Streamline USFWS' INRMP review process
- Develop programmatic solutions for historic property evaluation that will create DoD-wide efficiencies in Section 106 compliance, thereby enhancing mission support
- Develop guidance on appropriate rehabilitation practices for historic buildings to assist DoD in meeting the energy efficiency goals of EO 13514

* Conservation budget line includes funding for Readiness and Environmental Protection Initiative (REPI)



Pollution Prevention (\$111 Million)

*Lifecycle management of
weapons systems, facilities,
and waste generation*

	FY10	FY11	FY12	FY13
REQUEST	\$103	\$117	\$104	\$111
ESTIMATE	\$99	\$115	\$101	
ACTUAL	\$91	\$86		

FY2011 Accomplishments

- 61% overall solid waste diversion rate in FY 2010 and 64% in FY 2011
- Implemented the Strategic Sustainability Performance Plan to measure progress in meeting P2 and sustainability goals
- Reviewed a Q3/4 sampling of approx 600 contract actions using a manual review process. 92% were determined to be compliant in one or more of the OMB sustainable product categories.
- Conducted DoD/GSA Sustainable Procurement Workshop to collaborate on areas where the two agencies can most effectively improve sustainable procurement.
- Confirmed 14 new buildings were completed and complied with the Guiding Principles.
 - Developed Solid Waste Diversion List for DoD Components
 - DoD met or exceeded planned actions cited in July 2011 OMB Scorecard

FY2012/2013 Challenges:

- Renewable energy key to reducing DoD GHGs, but will be a few years before reductions seen due to long project lead times.
- Federal Procurement Data System does not contain attributes needed to identify all sustainable contract actions. Recommend further updates.
- Not financially practical to manually review 5% of DoD's 11.8 million contract actions for sustainable procurement requirements.
- Domestic and International regulations on chemical use could impact DoD operations
- Facing significant budget cuts – ~\$400B over 10 years – may impact ability to meet aggressive P2 & sustainability targets
- Pollution Prevention projects are based on Return on Investment strategy. If P2 is not viewed as a legal requirement, funding is in jeopardy



Environmental Restoration Program

President's Budget \$ in Millions

Installation Restoration Program

	FY2010 Actual	FY2011 Actual	FY2012 Estimate	FY2013 Request
Active*	\$981.3	\$939.7	\$909.6	\$919.2
FUDS	\$164.5	\$243.0	\$211.9	\$150.0
Legacy BRAC**	\$391.5	\$291.4	\$303.4	\$265.1
BRAC 2005**	\$37.5	\$23.8	\$32.2	\$25.6
Total	\$1,574.8	\$1,497.9	\$1,457.1	\$1,359.9

Military Munitions Response Program

	FY2010 Actual	FY2011 Actual	FY2012 Estimate	FY2013 Request
Active	\$247.1	\$193.1	\$281.2	\$264.0
FUDS	\$168.8	\$213.5	\$114.7	\$87.6
Legacy BRAC**	\$41.1	\$23.9	\$59.6	\$31.8
BRAC 2005**	\$3.2	\$63.5	\$26.9	\$14.2
Total	\$460.2	\$494.0	\$482.4	\$397.6

* Excludes OSD funding

** Excludes BRAC Planning and Compliance funding



Environmental Restoration Program Challenges

FY2012 Challenges

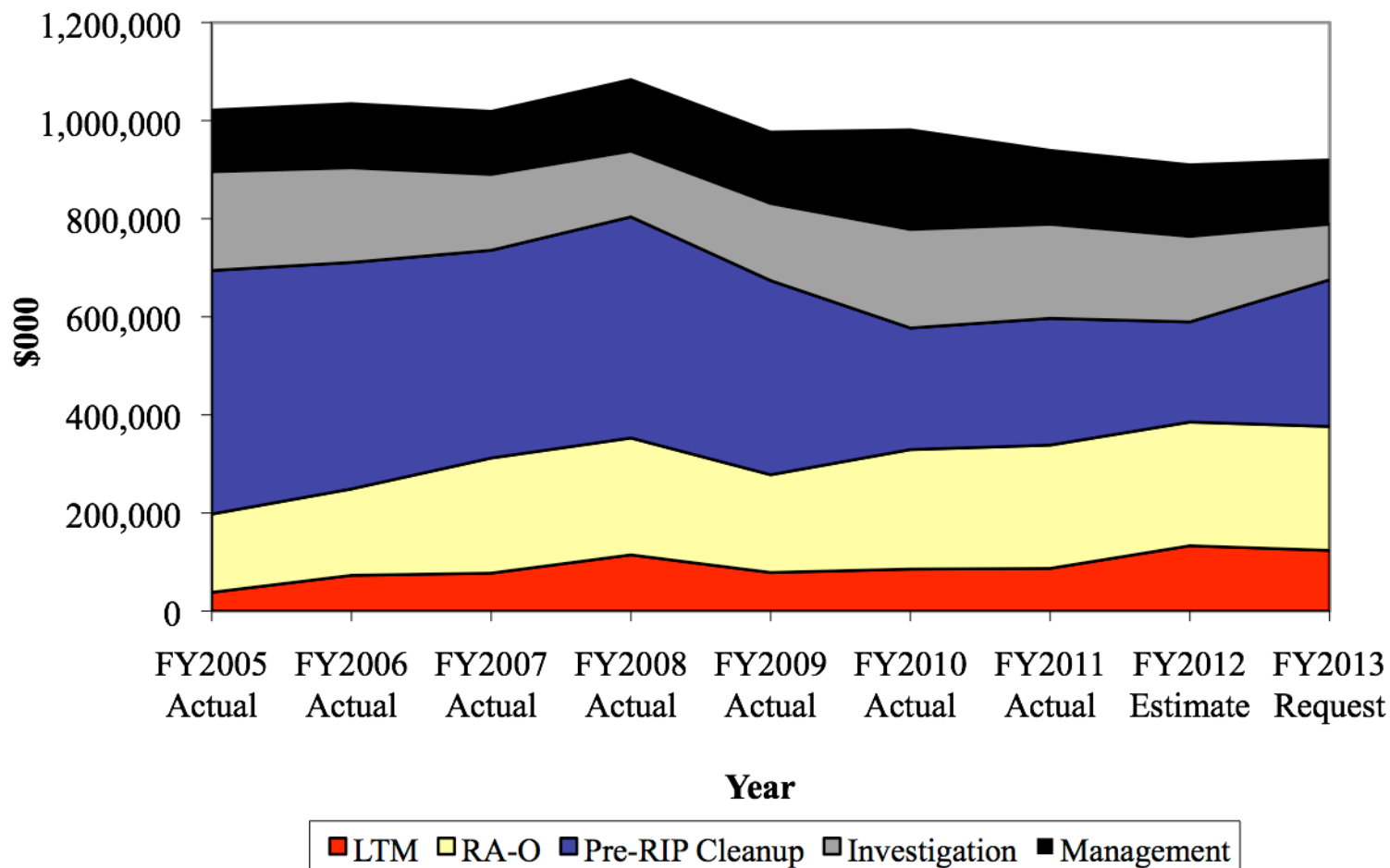
- Sign the remaining two Federal Facility Agreements (FFAs): Tyndall AFB and Redstone Arsenal
- Continue development of next generation goals: BRAC and FUDS MMRP
- Transition UXO discrimination technology from demonstration to full-scale use
 - Address contractual concerns
 - Garner regulator support
- Establish a Munitions Response Dialogue to address munitions cleanup issues of concern with Federal and State environmental regulators, Federal land managers, and tribes
- Work with EPA on emerging cleanup requirements
 - Addition of vapor intrusion to the Hazard Ranking System
 - Five-Year Review process improvements
- Fully understand cost-to-complete: What is DoD getting for its investment?
- Analyze DoD BRAC inventory and cleanup progress to look for opportunities to accelerate property transfer



Environmental Restoration Program IRP Funding at Active Installations

Goals: Achieve RIP/RC by the end of FY2014

Achieve RC at 90% of sites by the end of FY2018 and at 95% of sites by the end of FY2021



FY2010 funding reflects a \$41M reprogramming from Army Active to FUDS
FY2011 funding reflects a \$141M reprogramming from Army Active to FUDS

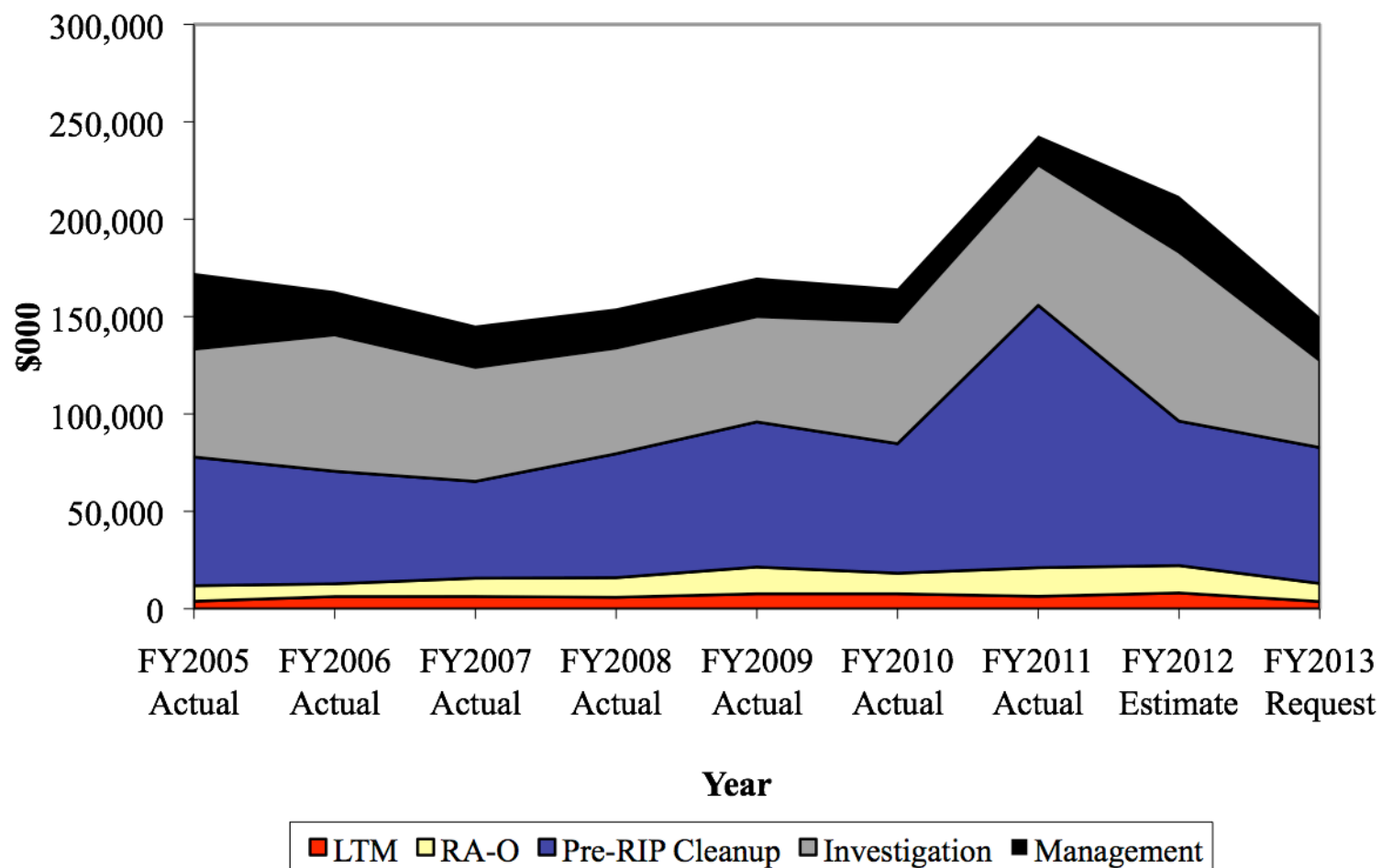
LTM – Long-Term Management
RA-O – Remedial Action – Operations
Pre-RIP – Pre-Remedy-in-Place



Environmental Restoration Program IRP Funding at FUDS Properties

Goals: Achieve RIP/RC by the end of FY2020

Achieve RC at 90% of sites by the end of FY2018 and at 95% of sites by the end of FY2021





Future Challenges

- Compliance
 - Continue to maintain high level of compliance
- Conservation
 - Preserve key species and their habitat and keep candidate species from being added to the Threatened & Endangered Species list
 - Develop programmatic solutions for historic property evaluation that will create DoD-wide efficiencies in Section 106 compliance, thereby enhancing mission support
- Pollution Prevention
 - Integrate P2 as a significant part of DoD sustainability programs
 - Demonstrate P2 in terms of both ROI and compliance
 - Continue to integrate P2 as part of early weapon system design
- Cleanup
 - Continue development of next generation of performance goals for BRAC and FUDS MMRP
 - Transition UXO discrimination technology from demonstration to full-scale use
 - Ensure long-term management process is meaningful and transparent by improving five-year reviews
 - Fully understand cost-to-complete: What is DoD getting for its investment?
- Continue to hold DoD Components accountable for their investments