



# Department of Defense Nuclear and Chemical and Biological Defense Programs: FY06 Overview

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***National Defense Industry Association  
Advanced Planning Briefing to Industry  
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# ATSD(NCB) Organization

**Secretary of Defense**

**Under Secretary of Defense for  
Acquisition, Technology and Logistics**

**ATSD  
(NCB)**

**Deputy  
for  
Nuclear Matters**

**Deputy for  
Chem Bio  
Defense**

**Deputy for  
Chem Demil &  
Threat Reduc.**

**Director  
Defense Threat  
Reduction Agency**



# ATSD(NCB) Mission Areas



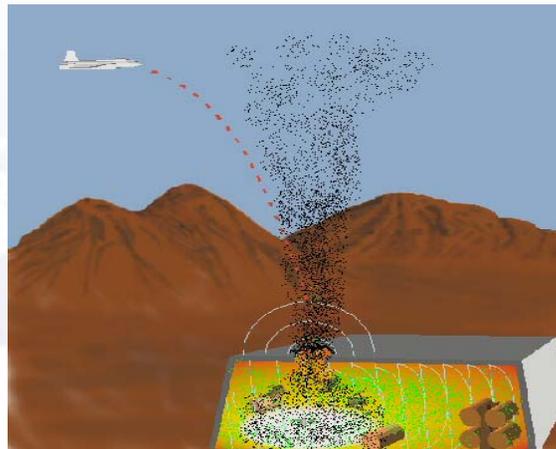
**Chemical  
Demilitarization**



**Chemical &  
Biological  
Defense**



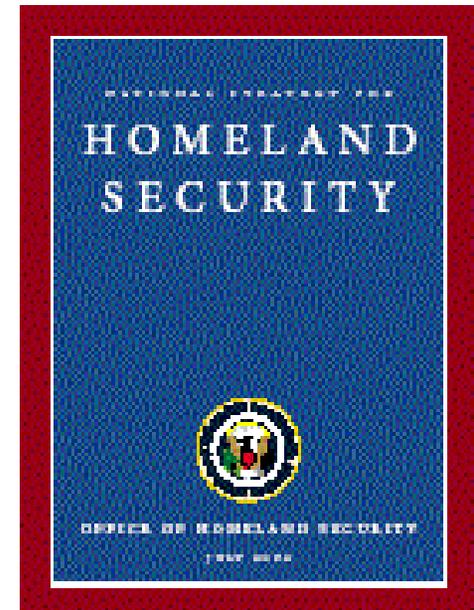
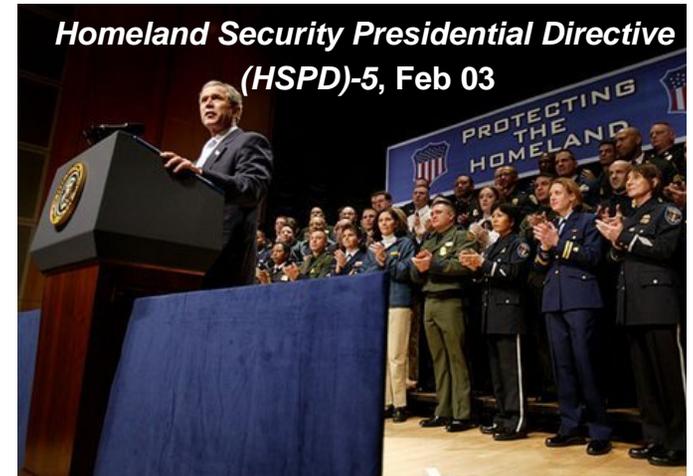
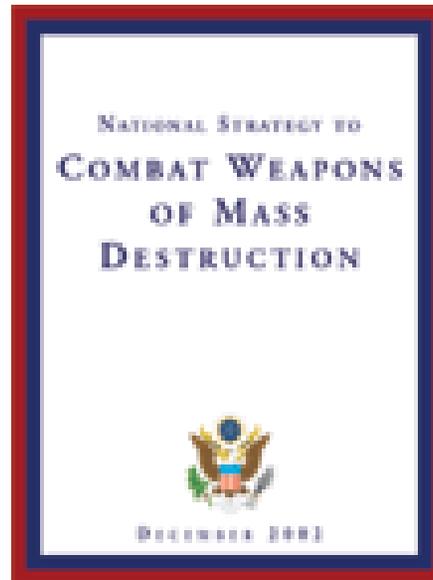
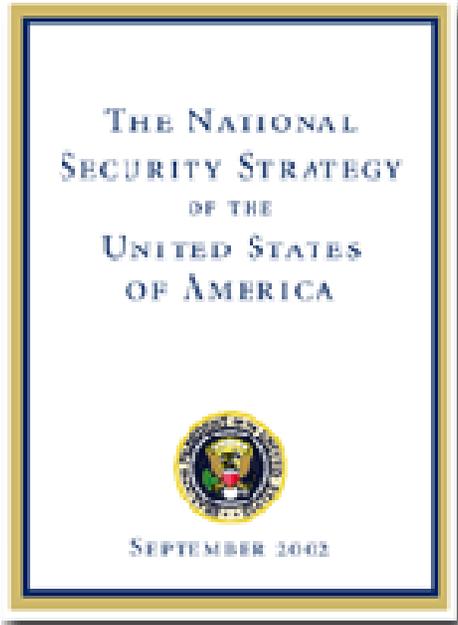
**Nuclear Matters**



**Defense Threat  
Reduction Agency**



# Recent Strategic Guidance



*"Armed with a single vial of a biological agent, small groups of fanatics, or failing states, could gain the power to threaten great nations, threaten the world peace. America, and the entire civilized world, will face this threat for decades to come. We must confront the danger with open eyes, and unbending purpose."*

President Bush February 11, 2004



# BioDefense for the 21st Century: The President's Pillars

## Prevention & Protection

- Proactive Prevention
- Critical Infrastructure Protection

## Threat Awareness

- Biological Warfare Related Intelligence
- Assessments
- Anticipation of Future Threats

## Surveillance & Detection

- Attack Warning
- Attribution

## Response & Recovery

- Response Planning
- Mass Casualty
- Risk Communication
- Medical Countermeasures
- Decontamination



# Chemical Demilitarization & Threat Reduction (CD&TR) Mission

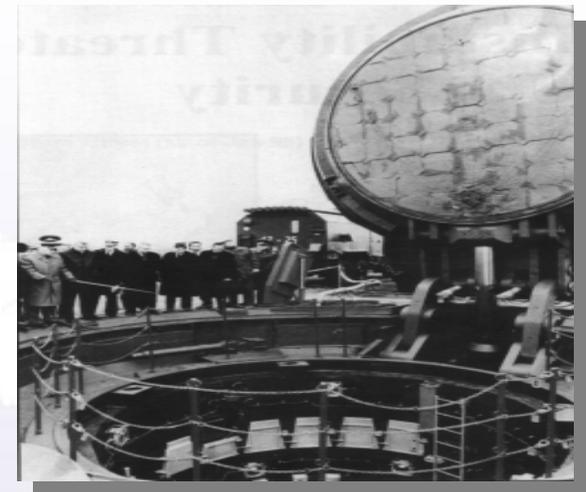
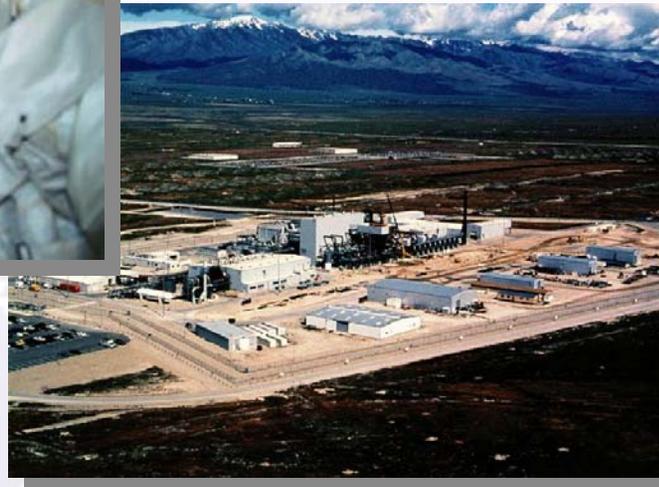
1. Oversight of Chem-Demil, Cooperative Threat Reduction, and NCB Weapons Treaties
2. DoD Treaty Manager for NBC Weapons Treaties
  - NPT, NTBTs, US-IAEA Safeguards, AP, FMCT, CWC, BWC
3. Oversight of DoD Nuclear Monitoring and Verification R&D Program



Underground Nuclear Testing



Tooele Chemical Agent Disposal Facility (TOCDF)

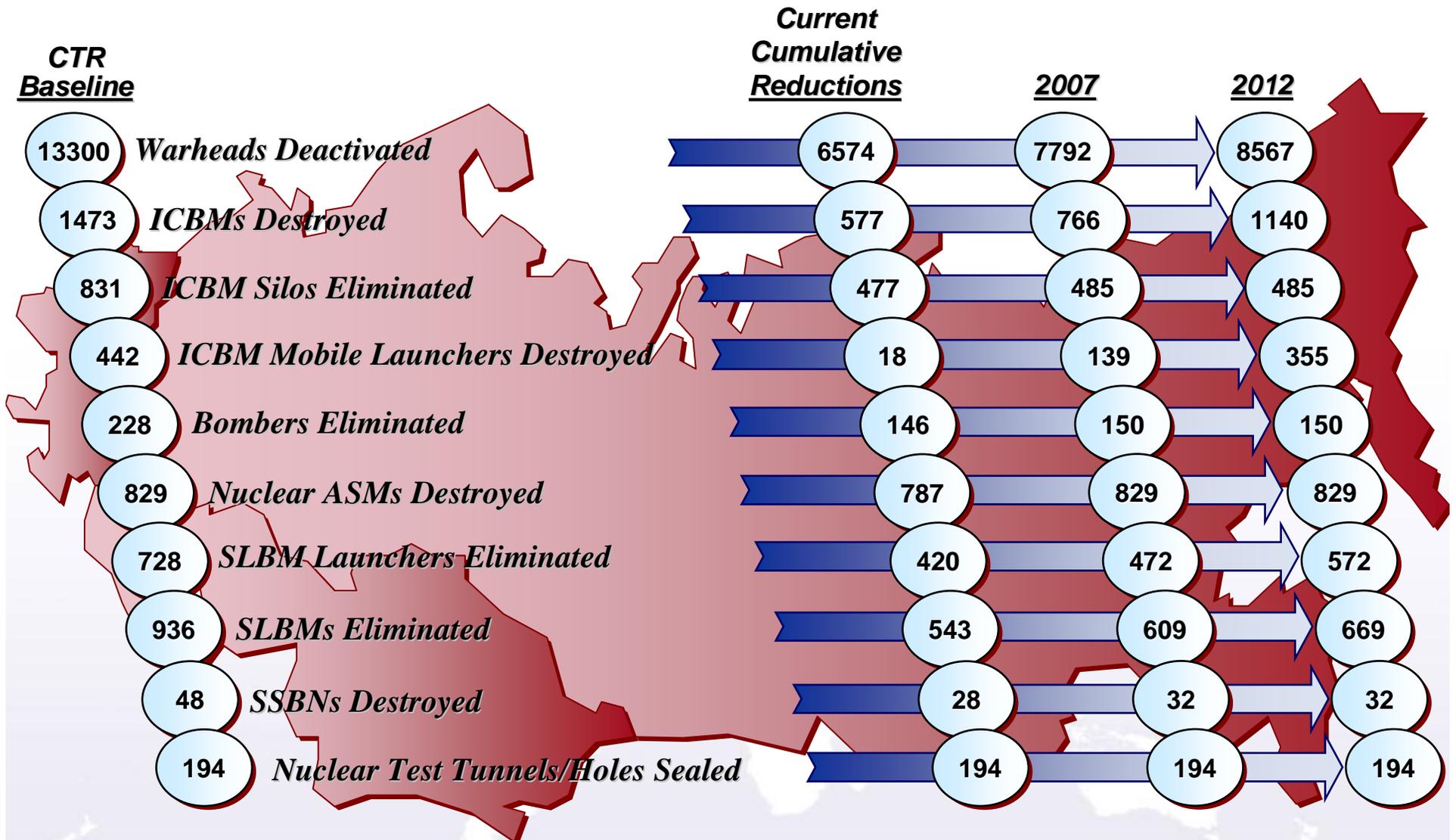


Secretary of Defense Perry at an SS-24 ICBM Silo, Ukraine



# CTR Scorecard

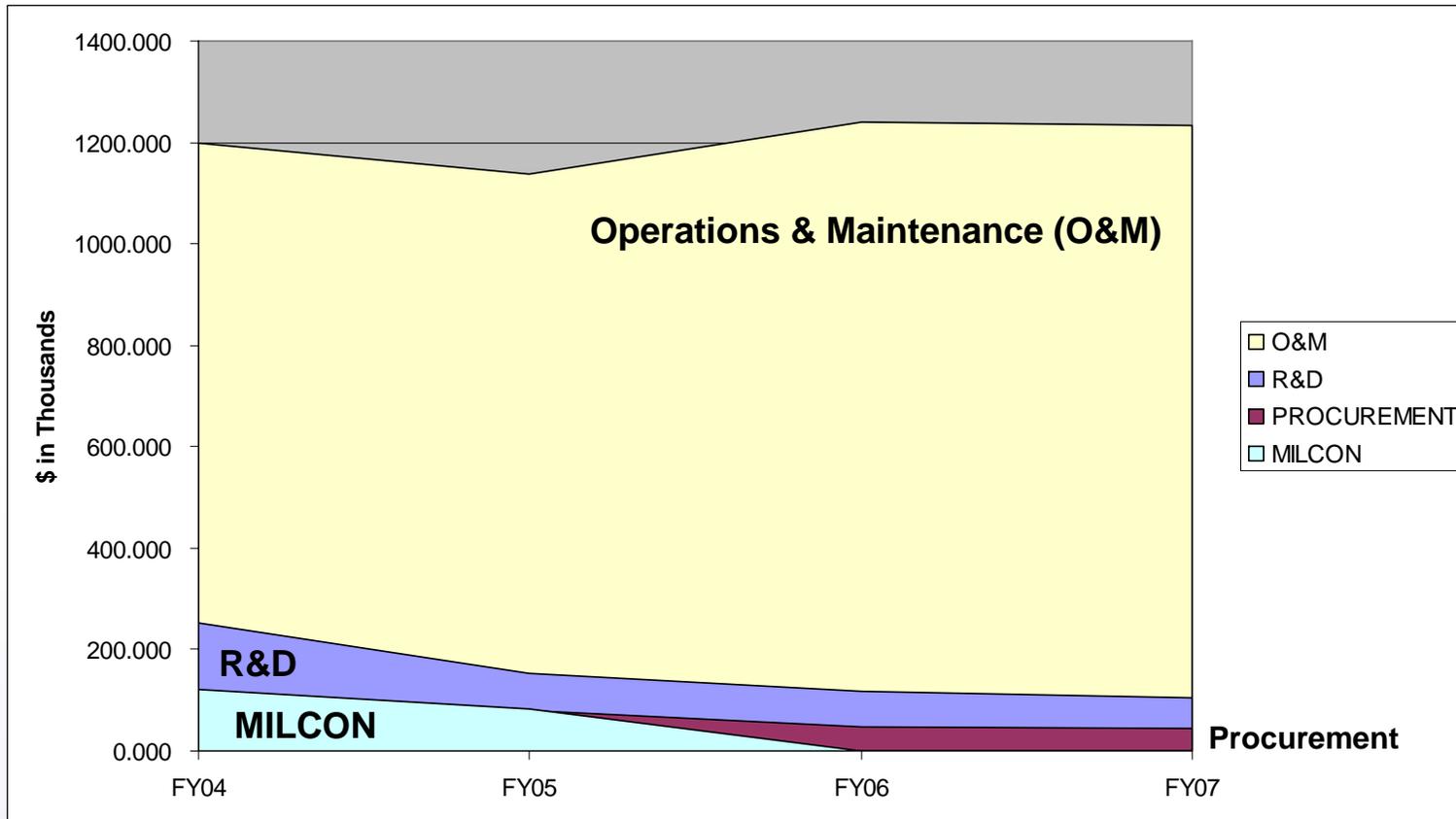
Ukraine, Kazakhstan, & Belarus are Nuclear Weapons Free



Current numbers as of 15 April 2005; projections as of 31 Dec 2004



# U.S. Chemical Demilitarization FY06 President's Budget



	FY04	FY05	FY06	FY07
<b>R&amp;D</b>	251.900	154.000	118.789	106.289
<b>PROCUREMENT</b>	79.000	79.000	47.786	43.789
<b>O&amp;M</b>	1199.000	1139.000	1239.877	1234.630
<b>MILCON</b>	120.000	82.000	0.000	0.000
<b>Total</b>	1649.900	1454.000	1406.452	1384.708



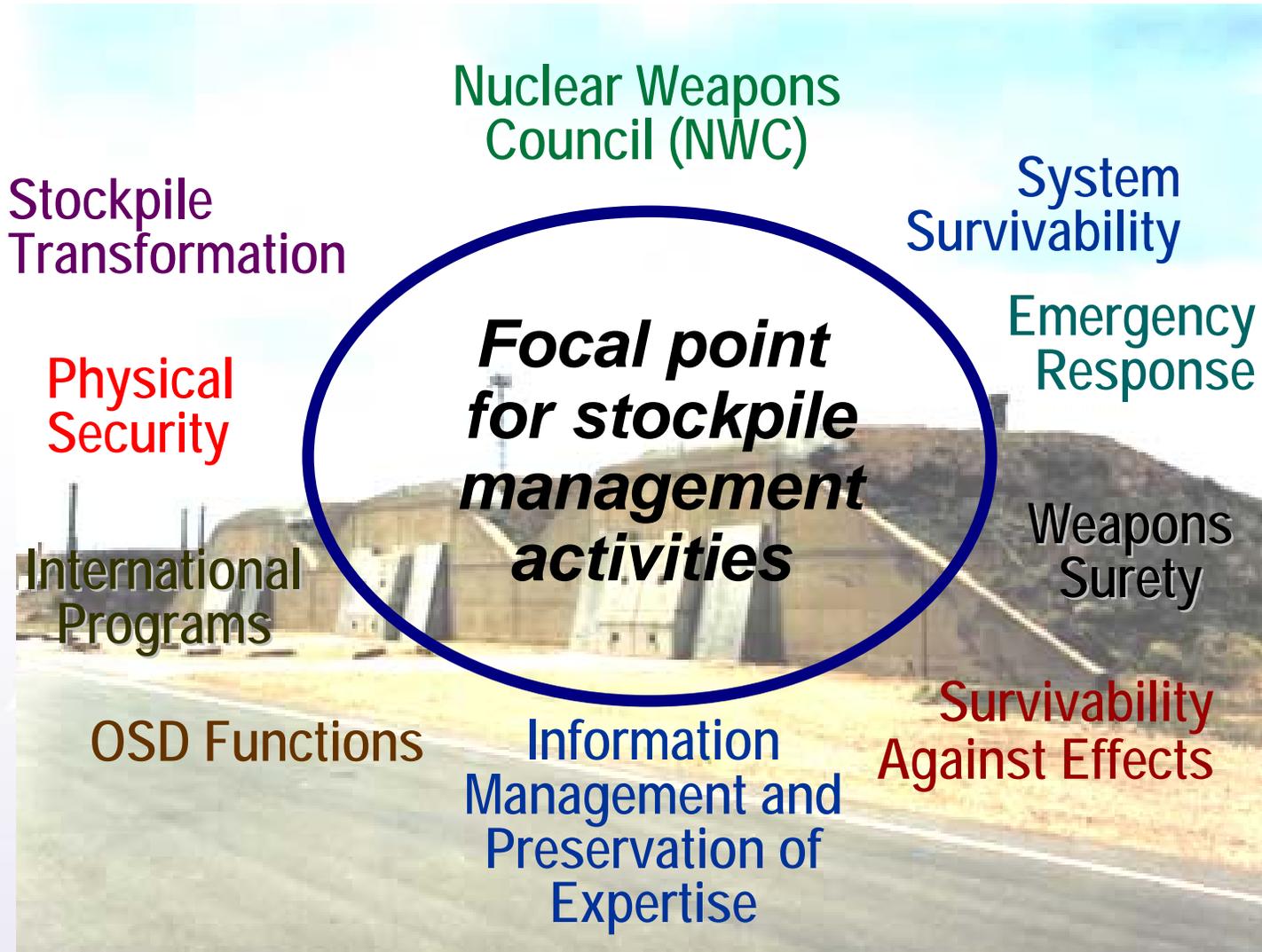
# Nuclear Safeguards Mission

- **Assist and advise SECDEF**
  - International Nuclear Safeguards
  - Countering of Rad/Nuclear Devices
- **Enhance the Nation's capability to counter proliferation of WMD**





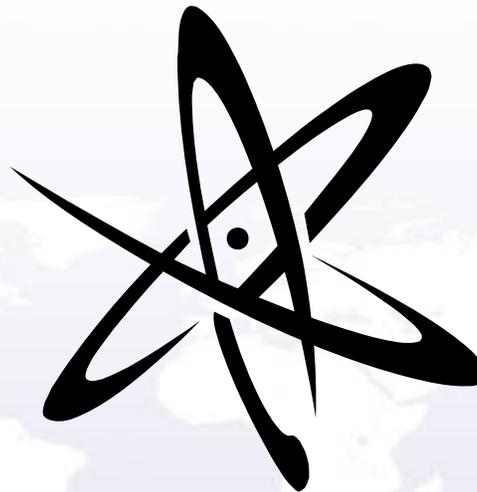
# Office of Nuclear Matters (NM)





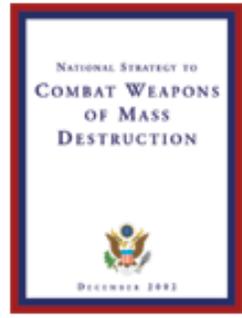
# Nuclear Weapons Council

- **Epicenter of DoD-NNSA Nuclear Deterrent Enterprise**
- **Staff resides within NM**
- **Focal point for activities to maintain US nuclear stockpile.**





# Defense Threat Reduction Agency (DTRA)



National Strategy  
to Combat WMD

NON  
PROLIFERATION

COUNTER  
PROLIFERATION

CONSEQUENCE  
MANAGEMENT

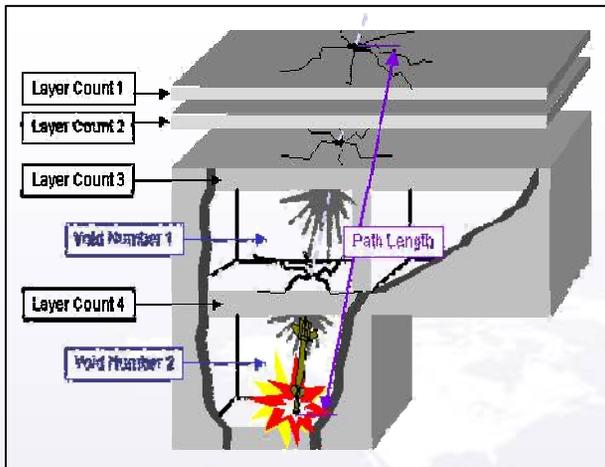


- DoD's Expert for reducing WMD threats
- Combat support agency
- Center of excellence in combating WMD



# ***Making the Critical Difference in DoD's Combating WMD mission...***

- Full time focus
- End-to-end approach
- Synergistic RDT&E and support to operations
- Warfighter focus
- Agile, Efficient, Effective



***... Expertise and “one-stop shopping” for the warfighter***

**DTRA Business Opportunities:**  
[http://www.dtra.mil/business\\_opp/index.cfm](http://www.dtra.mil/business_opp/index.cfm)



# DTRA's Global Support to the Warfighter



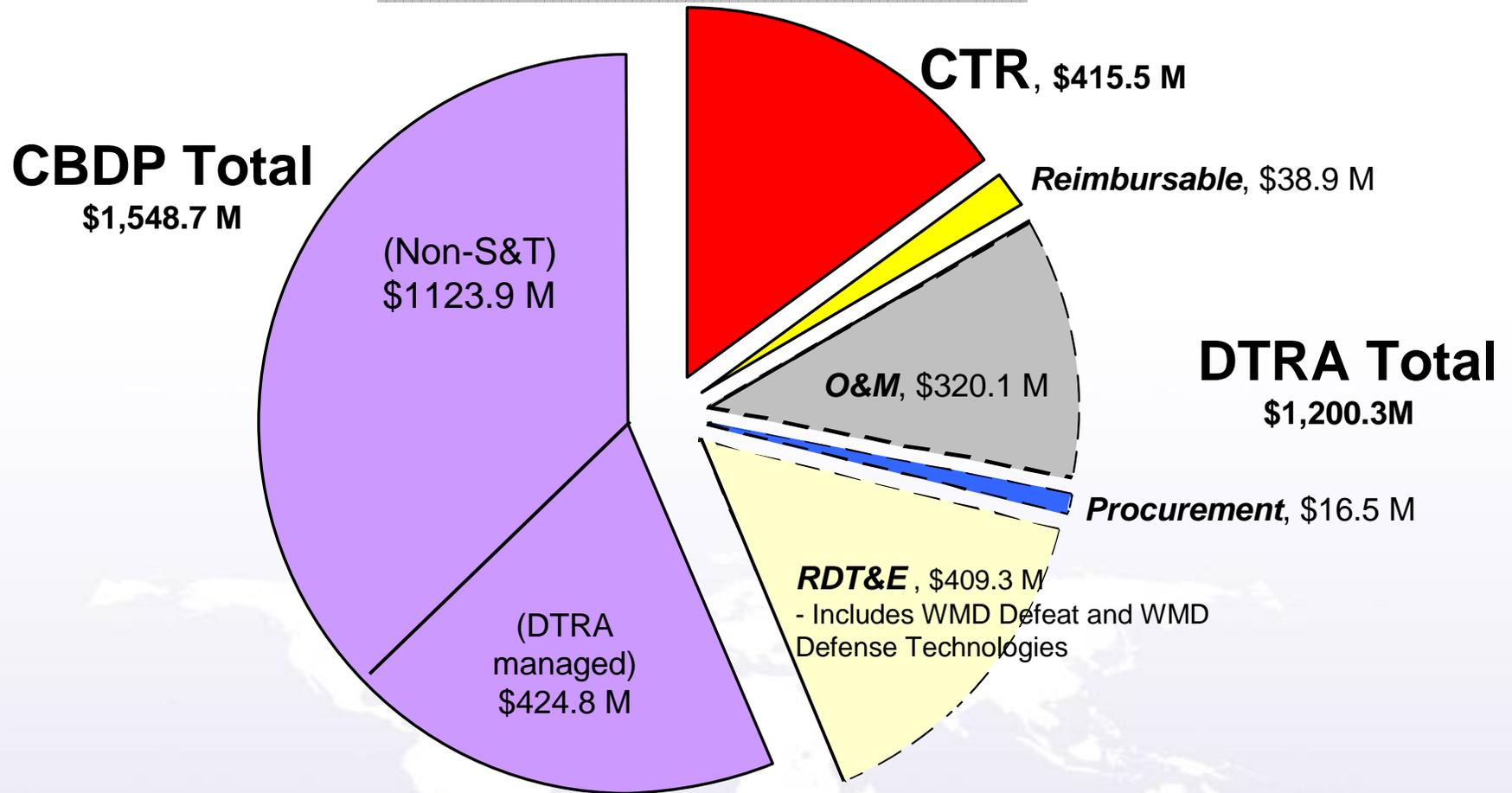
- Major Operating Locations (Headquarters at Fort Belvoir, Virginia)
- Liaison Officers



# DTRA Budget:

*We use a mix of appropriated funds to execute our mission*

**Total Portfolio \$2,749 M**



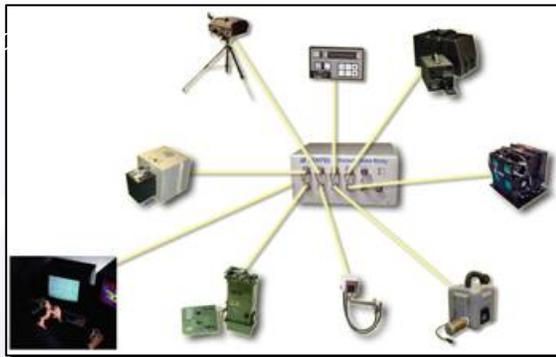


# Chemical and Biological Defense Critical Roles

## Combating Weapons Of Mass Destruction



Installation Protection



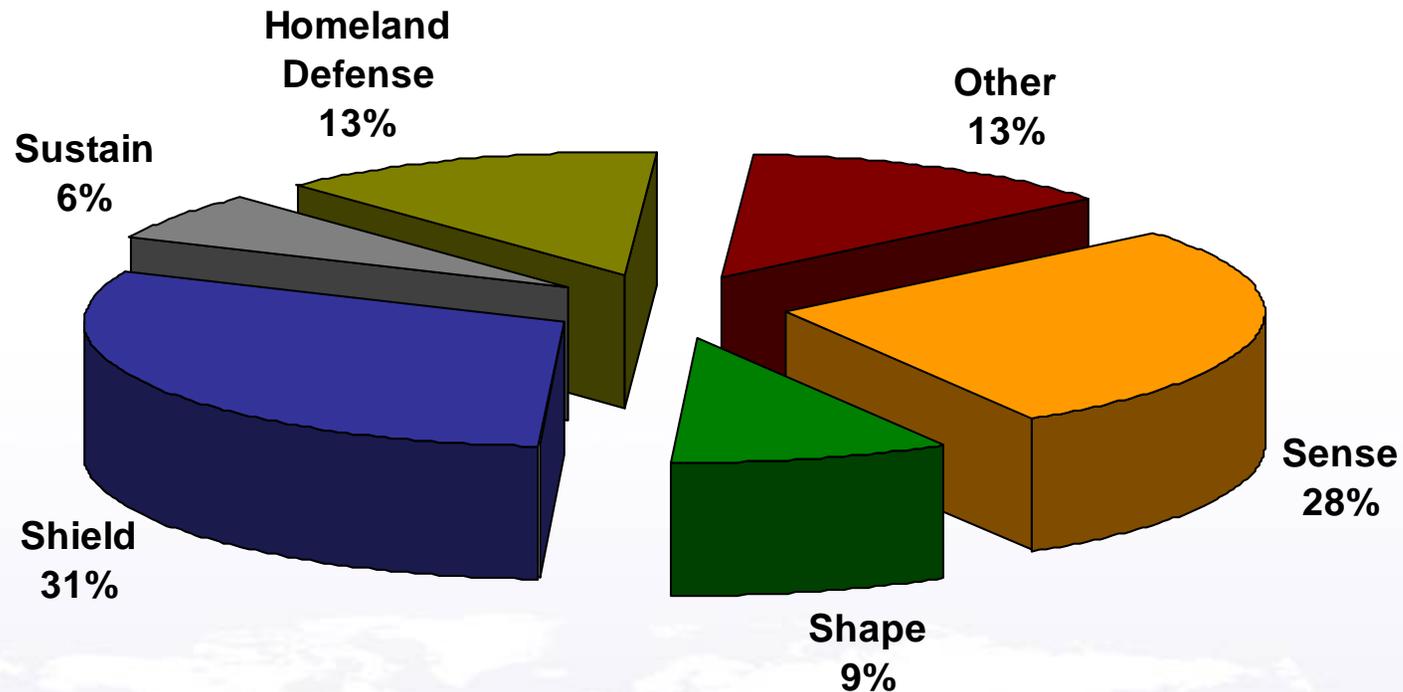
**Combating Terrorism**

**Homeland Security Support**



# CB Defense Program FY06 Resource Allocation

## Capability Areas

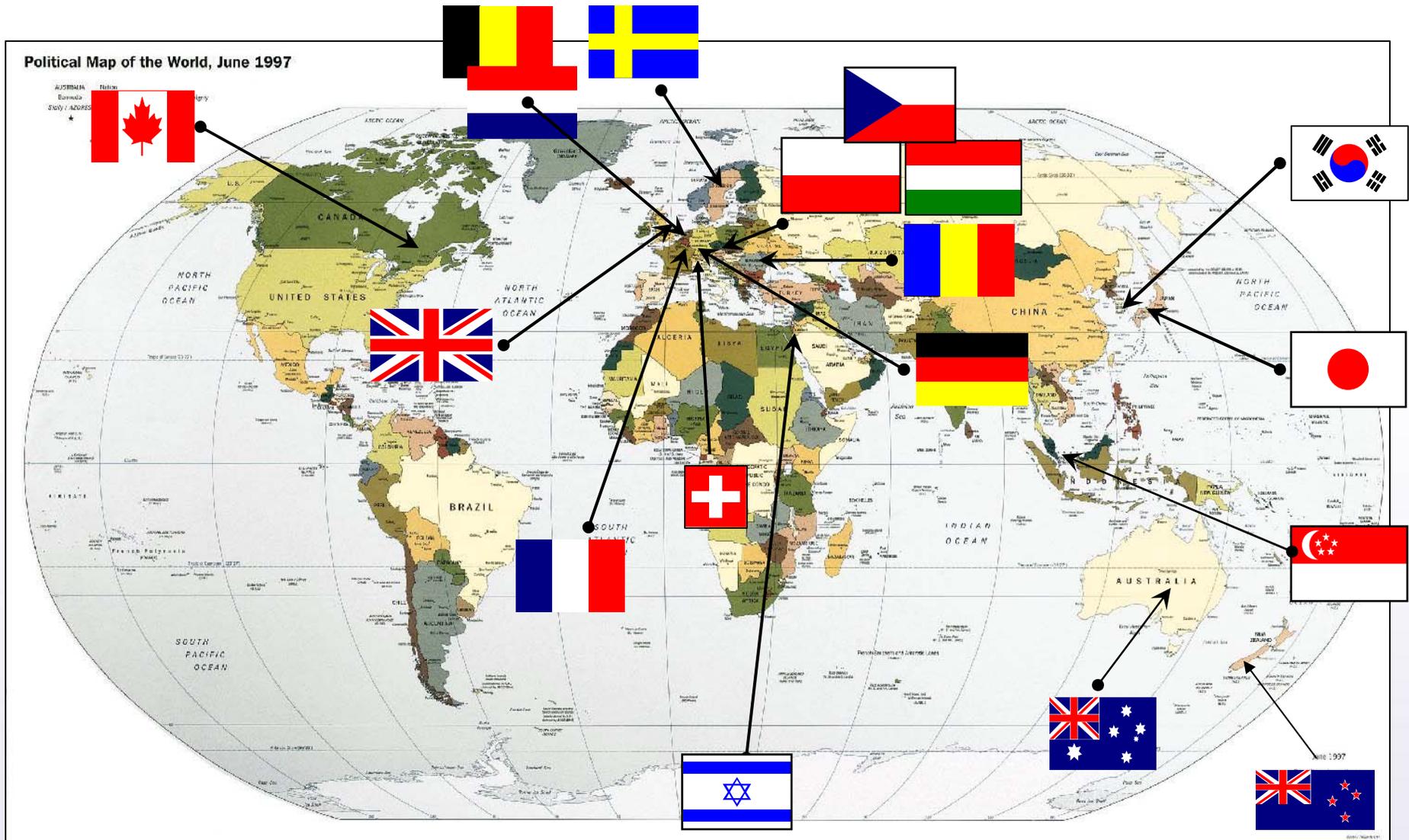


■ Sense ■ Shape ■ Shield ■ Sustain ■ Homeland Defense ■ Other

***Total Funding FY06: \$1.5B***



# WMD Defense Cooperative Focus Worldwide





## Summary

- **S&T investment to counter diverse threats and prevent technological surprise**
- **Capabilities to protect the warfighter**
- **Homeland Security & Force Protection missions support need for capabilities-based defenses**

