

*Supporting the DoD Operational Range Sustainment  
Program and Building the  
Military Munitions Response Program*



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# Overview

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- **Organization**
- **Guidance**
- **Proposed Legislation**
- **Current Actions**



## Operational Ranges Reference Points

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- America has a ***unique approach*** to training
- DoD is committed to ***preserving training*** and testing ranges while ***protecting the environment***
- Despite environmental successes, DoD is facing ***increasing restrictions*** on land, sea, and airspace reserved for testing and training
- DoD will continue to ***form partnerships*** that promote long-term range sustainability



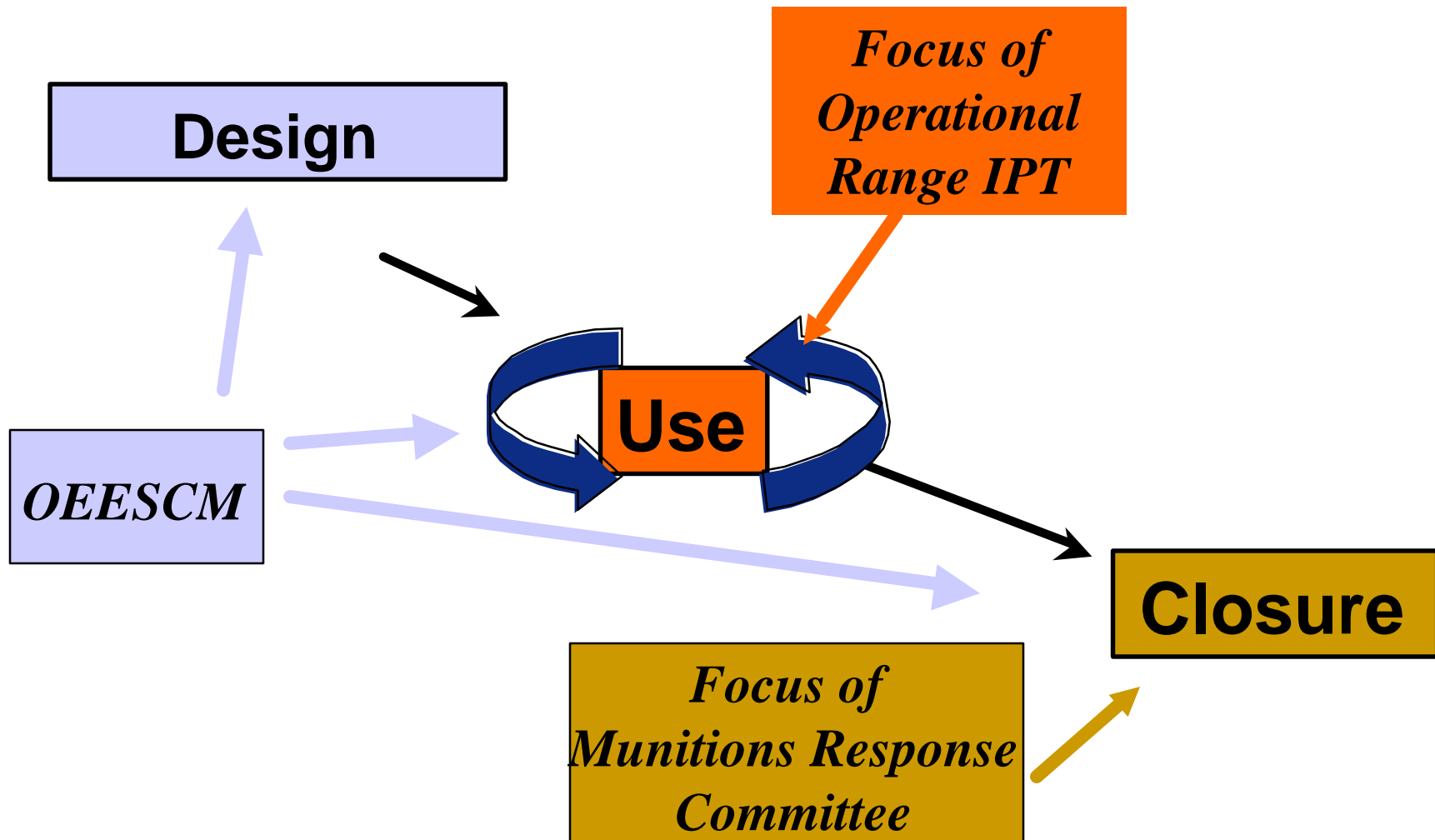
# Organization

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- **Operational Test and Training Ranges**
  - Integrated Product Team
  - USD(P&R), DUSD(I&E), DUSD(R), OT&E
  - Working IPT
- **Operational and Environmental Executive Steering Committee for Munitions**
  - Co-Chairs: Army DAS(ESOH) & Service Operator
  - Six Sub-Committees
- **Munitions Response Committee**
  - OSD, Services, DDESB, EPA, States, Affected Tribes, USDA and DOI

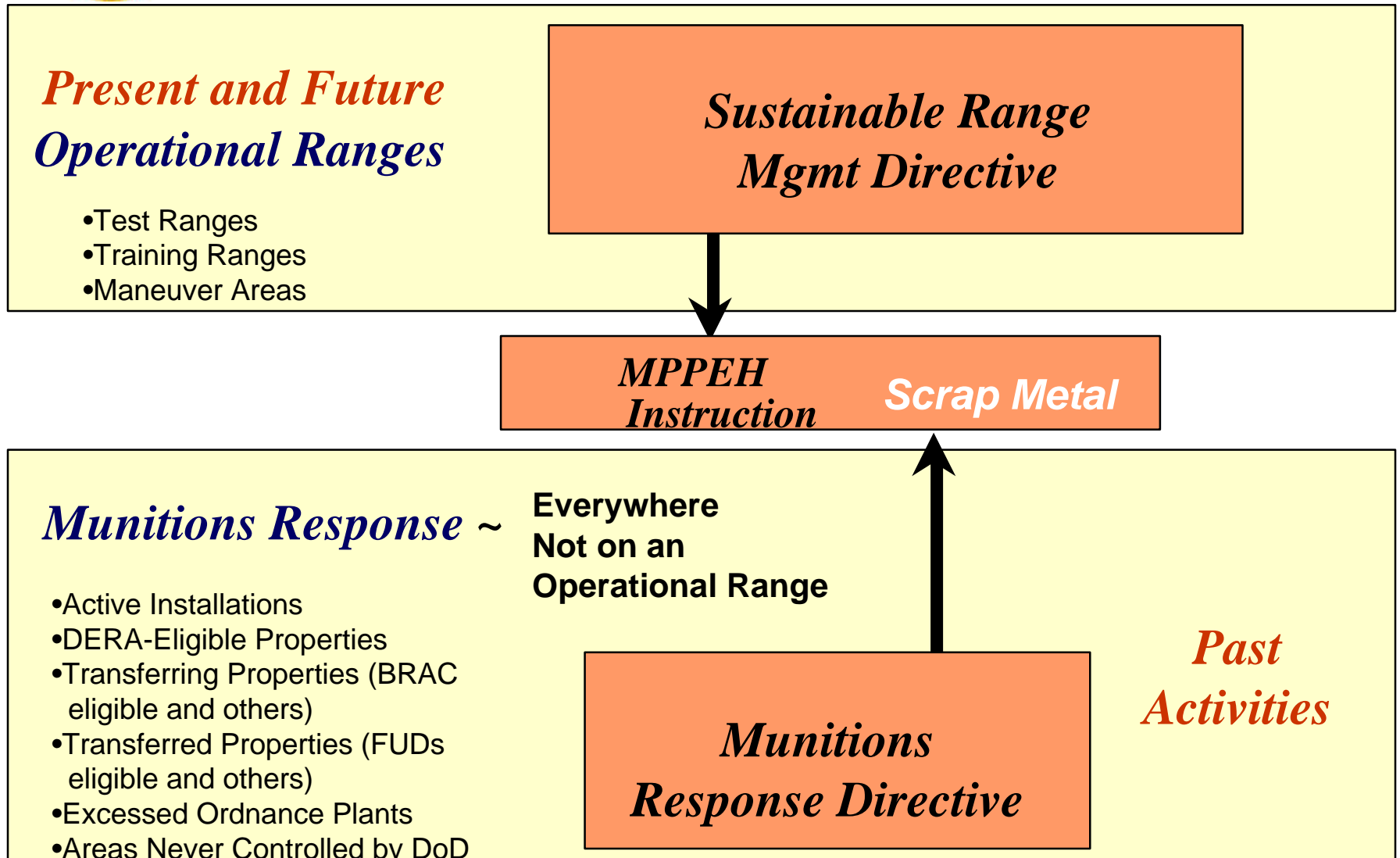


# Range Life-Cycle



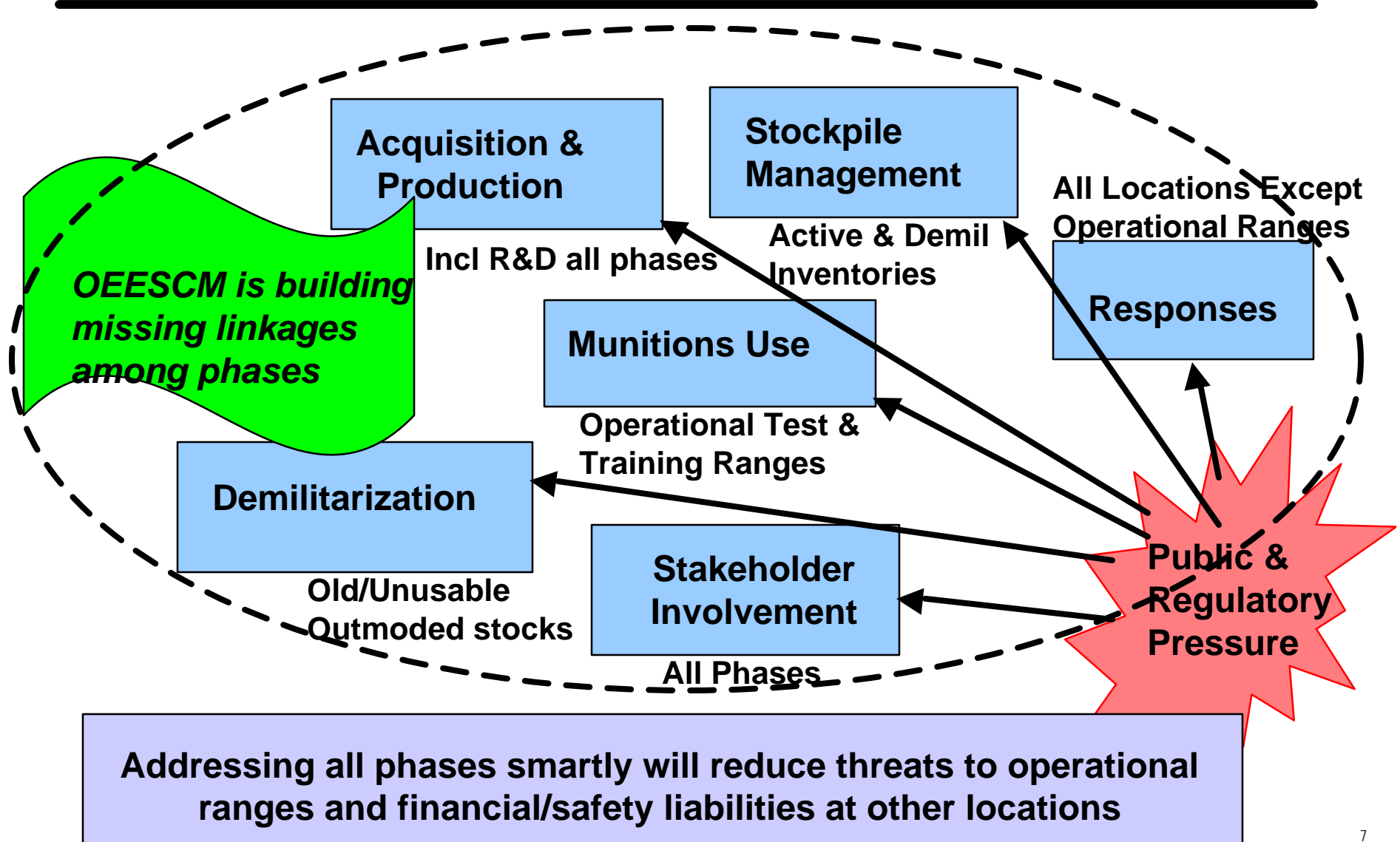


# Context





# Munitions Life Cycle OEESCM





# DoD Guidance

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- **DoDD 4715.11 & 4715.12**
  - **Operational Range Management**
- **OEESCM Munitions Action Plan**
- **Defense Environmental Restoration Program Management Guidance**
- **Draft Sustainable Range Directive**

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- ***Draft Stakeholder Involvement Directive***
- ***Draft MPPEH Directive***
- ***Draft Munitions Response Directive***
- ***Draft Operational Range Clearance Policy***
- ***Draft Munitions Rule Implementation Directive***
- ***Updating DDESB Guidance***





## DoDD 4715.11 & 12 Environmental and Explosives Safety Management

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- Design and use DoD Ranges and the munitions used on them, to minimize both potential explosives hazards and harmful environmental impacts
- Ensure Research and Development programs enhance sustainable range management
- Each Service:
  - Establish and maintain an inventory of its ranges
  - Establish and implement procedures to assess the environmental impacts of munitions
  - Develop range sustainment management plans & update
  - Establish range clearance procedures
  - Maintain permanent records



## DoDD 3200.15 Sustainable Ranges Directive

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- Establishes policy and assigns responsibilities for the sustainment of test and training ranges and operating areas
- Calls for integrated planning and management on ranges
- Calls for coordination and outreach with surrounding communities and stakeholders in order to provide for long-term range sustainment.
- Codifies range sustainment as an objective for all DoD ranges.



## FY 2004 Defense Planning Guidance

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- Provided direction to the Services to:
  - “assess potential hazards from off-range munitions and begin remediation by FY 2008
  - Services are working the budget
- FY 2005 DPG will expand on this direction



# Definition Modification

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- Operational Test and Training Ranges
  - Active and Inactive
- Operational Range. Means:
  - a range that is used for range activities, or
  - a range that is not currently being used for range activities, but that is still considered by the Secretary concerned to be a range, is under the jurisdiction, custody, or control of the Secretary concerned, and has not been put to a new use that is incompatible with range activities.
- (Ref: Section 1043 of the proposed FY 2004 DoD Authorization Act)



# Definition Modification

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- **Range**

*Means a designated land or water area set aside, managed, and used to conduct research, development, testing, and evaluation of military munitions, other ordnance, or weapon systems, or to train military personnel in their use and handling. Ranges include firing lines and positions, maneuver areas, firing lanes, test pads, detonation pads, impact areas, electronic scoring sites, buffer zones with restricted access, and exclusionary areas, and airspace areas designated for military use according to regulations and procedures established by the Federal Aviation Administration such as special use airspace areas, military training routes, or other associated airspace.*

- *(Ref: Section 1043 of the proposed FY 2004 DoD Authorization Act)*



## Operational Ranges Proposed Legislation

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- Endangered Species Act
- Marine Mammal Protection Act
- **Migratory Bird Treaty Act**
- Clean Air Act
- Resource Conservation and Recovery Act
- Comprehensive Environmental Response, Compensation, and Liability Act
- **Cooperative Buffer Zone Acquisition Authority**
- **Conveyance of Surplus Property for Conservation Purposes**



## Proposed RCRA ~ 2019 Legislation

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- The term 'solid waste,' does not include explosives, unexploded ordnance, munitions, munitions fragments, or constituents thereof that:
  - Are used in training military personnel or explosives and munitions emergency response specialists
  - Are used in research, development, testing, and evaluation of military munitions, weapons, or weapon systems;
  - Are or have been deposited, incident to their normal and expected use, and remain on an operational range,
  - Are deposited, incident to their normal and expected use, off an operational range, and are promptly rendered safe or retrieved; or
  - Are recovered, collected, and destroyed on-range during range clearance activities at operational ranges, but not including the on-range burial of unexploded ordnance and contaminants when the burial is not a result of product use.



## Proposed CERCLA ~ 2019 Legislation

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- The term 'release,' as used in the CERCLA includes the deposit off an operational range, or the migration off an operational range, of any explosives, unexploded ordnance, munitions, munitions fragments, or constituents thereof.
- The term 'release,' does not include the deposit or presence on an operational range of any explosives, unexploded ordnance, munitions, munitions fragments, or constituents thereof that are or have been deposited thereon incident to their normal and expected use and remain thereon.
- The authority of the President to take action because there may be an imminent and substantial endangerment to the public health or welfare or the environment because of an actual or threatened release of a hazardous substance includes the authority to take action because of the deposit or presence on an operational range of any explosives, unexploded ordnance, munitions, munitions fragments, or constituents thereof that are or have been deposited thereon incident to their normal and expected use and remain thereon.
- Nothing in this section affects the authority of the Department to protect the environment, safety, and health on operational ranges."





## **Operational Ranges Current Actions**

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- **Inventory ~ FY 2003 Defense Authorization Act**
- **Operational Range Clearance Policy**
- **Groundwater Contamination**
- **Dialogue with States on Legislative Proposals**
  - **Land Conservation**
  - **RCRA/CERCLA**



# Defense Authorization Act of 2002

## Current Actions

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- **Section 313**
  - Estimate Remediation Costs at Operational Ranges
  - Hi & Low ~ Make Assumptions
  - Department Wide
- **Final Report Due in April 2003**



## Operational Ranges Technology (examples)

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- **SERDP**
  - UXO Technology
  - SERDP Eco-System Management Project
- **ESTCP**
  - UXO Site investigation/characterization and remediation technologies
- **Army Environmental Center**
  - Green Ammunition
  - ITAM Support
  - Environmental Management



## Opportunities Defense Science Board

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- **Task Force**
  - Established August 2002
  - Report Due June 2003
- **Role of Technology for Munitions Response**
  - Improve effectiveness
  - Accomplish in a reasonable time
- **Role of Technology for Operational Ranges**
  - Minimize environmental impact



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# Questions?



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***Building Trust  
By Doing the Right Thing!  
And Getting to Done***

**Department of Defense  
*Special Assistant for UXO  
Matters***

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