

# SERDP and ESTCP


## *SERDP and ESTCP Capabilities and Directions to Advance Innovative Remediation Technologies*

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# Environmental Drivers

Sustaining Ranges, Facilities, and Operations



**Toxic Air Emissions and Dust**



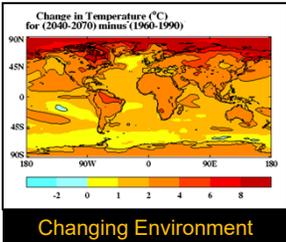
**Maritime Sustainability, TES**



**Noise**



**UXO & Munitions  
Constituents**



**Changing Environment**



**Sustainable FOB**

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## Environmental Drivers

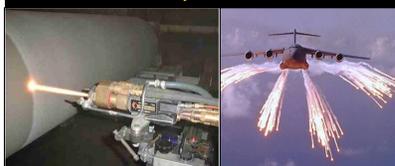
### Reducing Current and Future Liability

#### Contamination from Past Practices



- Groundwater, soils and sediments
- Large UXO liability
- Emerging contaminants

#### Pollution Prevention to Control Life Cycle Costs



- Elimination of pollutants and hazardous materials in manufacturing, maintenance, and operations
- Achieve compliance through pollution prevention

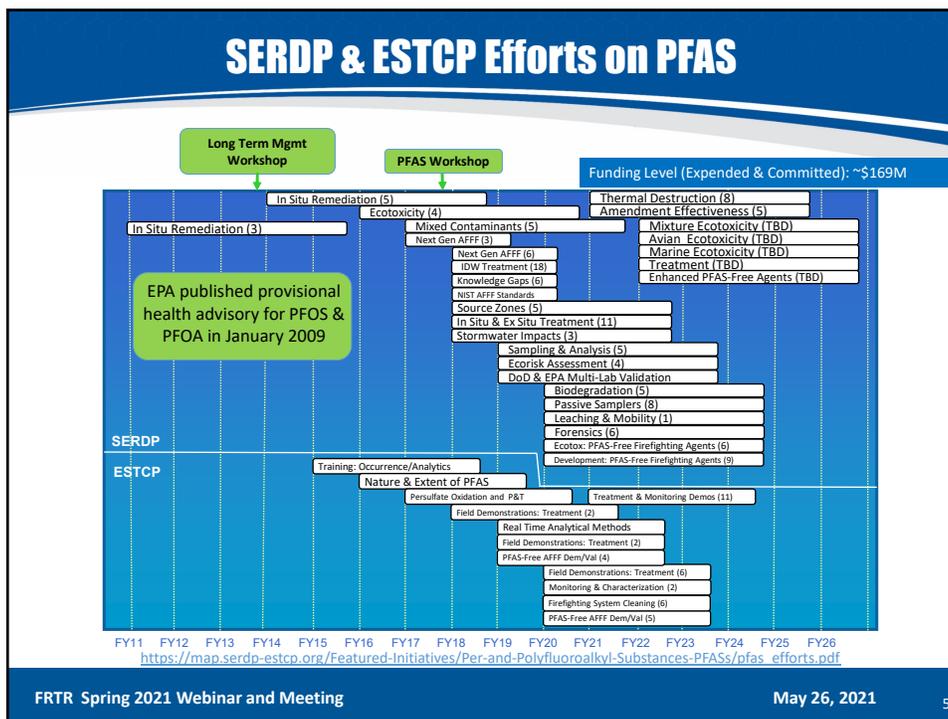
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## Investment Approach

- Longer term strategic plans to address high priority requirements
  - Groundwater liability, live fire ranges, UXO, marine mammals and sonar, eliminating Cr+6 etc.
  - Issue-specific workshops form basis for strategic plans
- Focus on sustainability and O&M Costs
  - Reduce costs and long-term vulnerability at installations and ranges
  - Reduce life cycle costs of weapon systems
- Responsive to evolving requirements
  - Emerging Contaminants
  - Pb-free electronics
  - Policy Goals



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