

Strategic Environmental Research and Development and Environmental Security Technology
Certification Programs (SERDP-ESTCP)



ADVANCED SURFACE ENGINEERING TECHNOLOGIES
FOR A SUSTAINABLE DEFENSE



SERDP
DOD • EPA • DOE



ESTCP

ASETSDefense Goals

- Bring together a diverse group of Materials Scientists, Engineers, Stakeholders
- Explore alternative surface finishing technologies with demonstrated performance and environmental advantages
- Gather cost and performance data on alternative technologies
- Transition appropriate technologies to Depot and OEM Facilities

Environmental Drivers

Reduction of Current and Future Liability

- Contamination from Past Practices



- Groundwater, Soils and Sediments
- Large UXO Liability
- Emerging Contaminants

- Pollution Prevention to Control
 - Life Cycle Costs

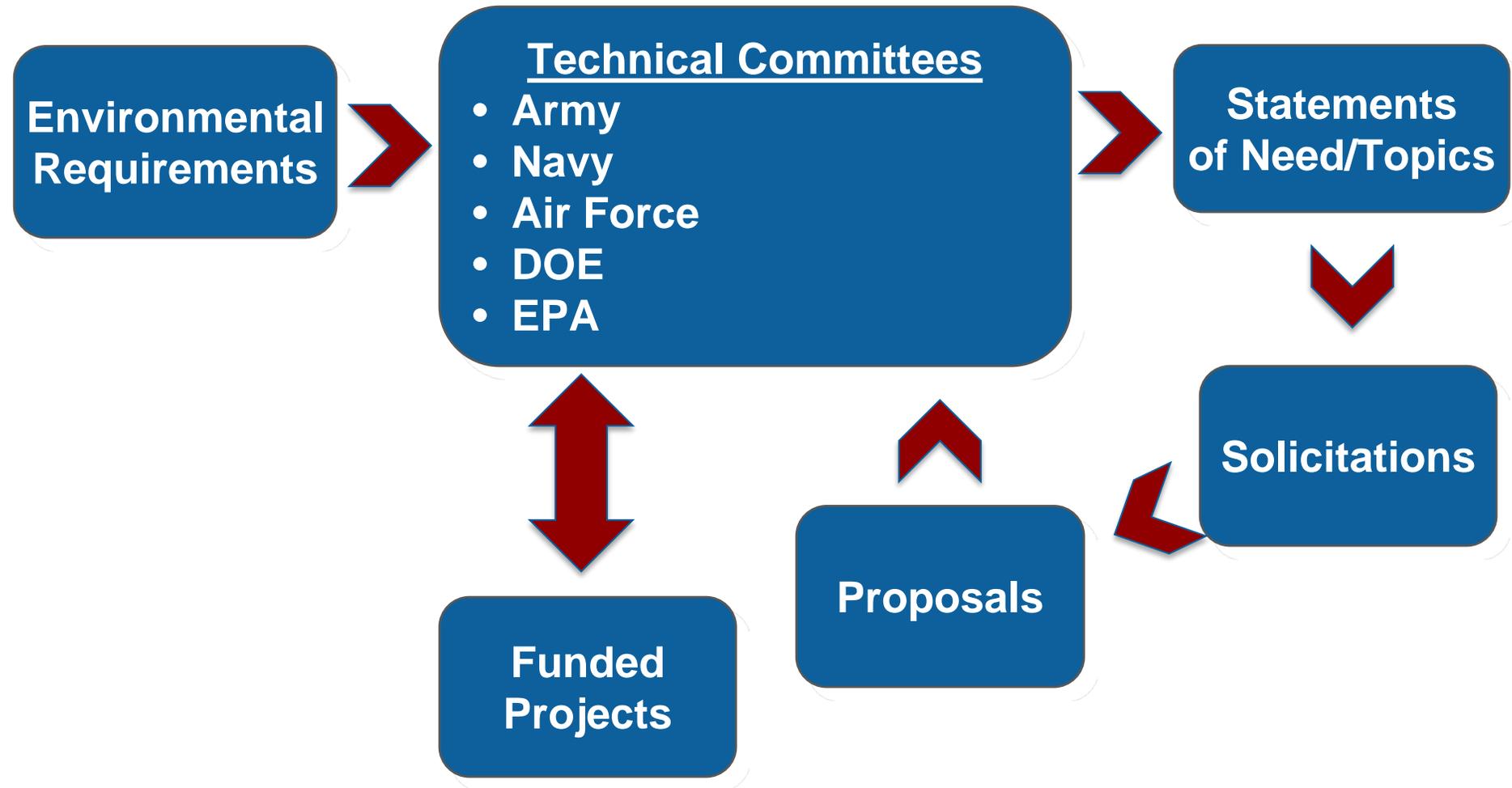


- Elimination of Pollutants and Hazardous Materials in Manufacturing Maintenance and Operations
- Achieve Compliance Through Pollution Prevention

SERDP

- Strategic Environmental Research and Development Program
 - ◆ Established by Congress in FY 1991
 - ◆ DoD, DOE and EPA partnership
- SERDP is a requirements driven program which identifies high-priority environmental science and technology investment opportunities that address DoD requirements
- Advanced technology development to address near term needs
- Fundamental research to impact real world environmental management

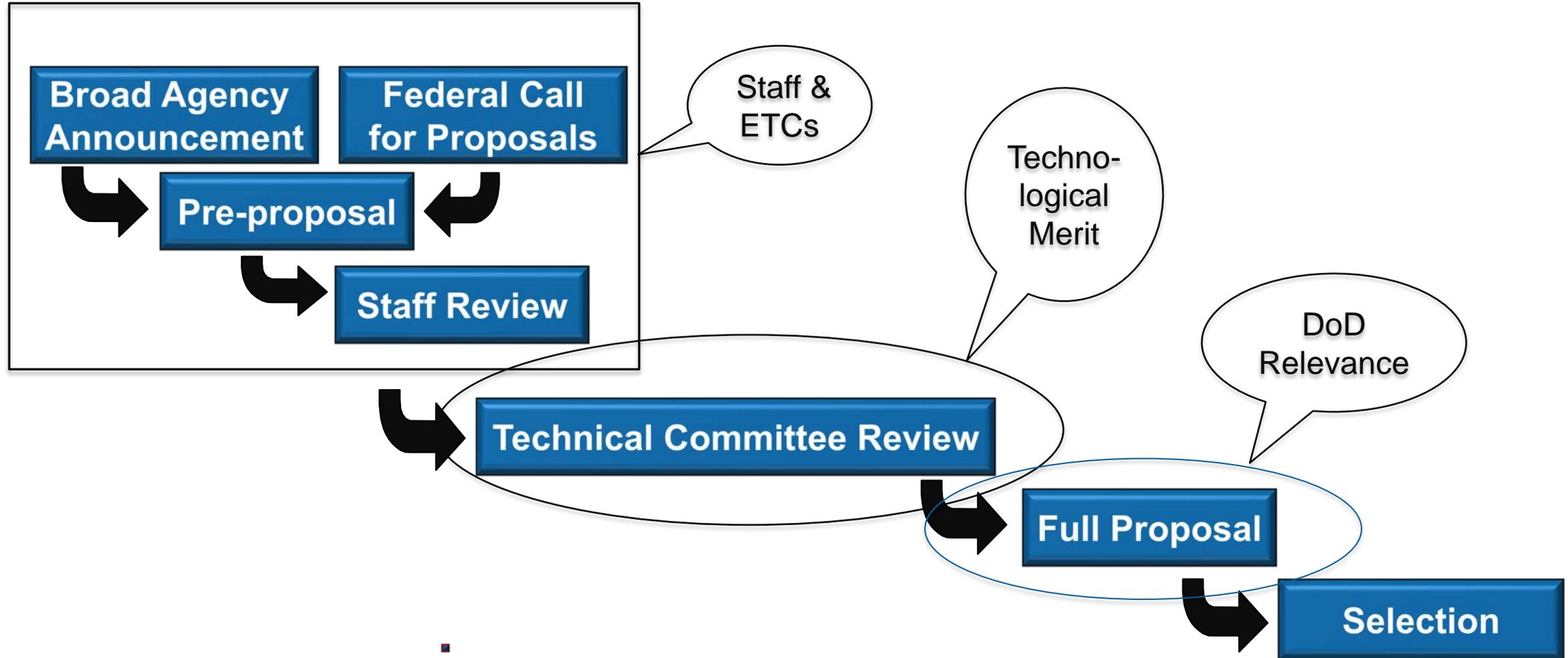
Program Process



ESTCP

- Environmental Security Technology Certification Program
 - ◆ Demonstrate innovative cost-effective environmental and energy technologies
 - ◆ Capitalize on past investments
 - ◆ Transition technology out of the lab
 - ◆ Promote implementation
 - ◆ Facilitate regulatory acceptance
- ESTCP Topic Areas are published annually
 - ◆ In general, these solicitations require a DoD principal investigator
 - ◆ Or if a broad agency announcement is issued, a DoD stakeholder should be identified

ESTCP Process



DoD's Environmental Research Programs

Home About SERDP and ESTCP Program Areas News and Events Featured Initiatives Tools and Training Funding Opportunities Investigator Resources

Tools and Training

Webinar Series

Environmental Restoration

Munitions Response

Resource Conservation and Climate Change

Weapons Systems and Platforms

Home > Tools and Training > Webinar Series

SERDP & ESTCP Webinar Series

SERDP and ESTCP have launched a webinar series to promote the transfer of innovative, cost-effective and sustainable solutions developed through projects funded in five program areas. The webinar series targets Department of Defense and Department of Energy practitioners, the regulatory community and environmental researchers with the goal of providing cutting edge and practical information that is easily accessible at no cost.

Live webinars will be held every two weeks on Thursdays from 12:00 PM ET (9:00 AM PT) to 1:30 PM ET (10:30 AM PT). Most webinars will feature two 30-minute presentations and interactive Q&A sessions. Below is the upcoming webinar schedule. Archived presentations (slides and audio) from past webinars are available at right.

DATE	WEBINARS AND PRESENTERS
September 22, 2016	Managing the Brown Treesnake Headache: Assessment of the Aerial Acetaminophen Bait Drop on Guam Register Now! ◆ Dr. Brian Dorr, USDA/WS/National Wildlife Research Center
October 6, 2016	Cyber Security and its Impacts on Installation Energy Management Register Now!
October 20, 2016	DoD Decision Making and Climate Change Register Now! ◆ Dr. Richard Moss, Pacific Northwest National Laboratory ◆ Dr. Casey Brown, University of Massachusetts at Amherst

PRINT

Past Webinars

- ▶ Energy and Water (5)
- ▶ Environmental Restoration (15)
- ▶ Munitions Response (7)
- ▶ Resource Conservation and Climate Change (5)
- ▶ Weapons Systems and Platforms (9)

Featured Initiatives

The latest developments in science, engineering, and technology.
[Explore Featured Initiatives](#)

Program Areas

SERDP and ESTCP's complete investment portfolio.
[Explore Program Areas](#)

Strategic Environmental Research and Development Program (SERDP)
 Environmental Security Technology Certification Program (ESTCP)

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- Generally bi-weekly
- 76 webinars to date
- Average call-in lines ≈ 200
- Highest number ≈ 830
- Mix of participants varies by topic

<https://www.serdp-estcp.org/Tools-and-Training/Webinar-Series>

Upcoming Events

SERDP • ESTCP
SYMPOSIUM
2018 | Enhancing DoD's Mission Effectiveness

For more information go to
<https://www.serdp-estcp.org/>
and click on symposium website

The Symposium will be held at the Washington Hilton
1919 Connecticut Ave., NW, DC November 27-29, 2018

Registration is now open

Meeting Logistics

- Please silence your mobile devices during the presentations.
- Coffee will be served during the breaks in the Colorado Foyer.
- Lunch will be served in Colorado A.
 - For those that have submitted dietary restrictions, please check in with your server.
- Side Meetings during lunch:
 - Bring your lunch to the meeting room on the 3rd floor.
 - Drinks will be provided in the room.
- Poster Session & Networking Reception:
 - Grab a drink from the lobby bar and bring to the Reception if you wish
 - A taco bar and hors d'oeuvres will be available.