



DHS SCIENCE AND TECHNOLOGY

Commercialization Accelerator Program

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Technology Transfer & Commercialization

Office of Industry Partnerships



**Homeland
Security**

Science and Technology

S&T MISSION

Safeguarding the nation by answering the threats of tomorrow and the needs of today through science, technology, and innovation.

DHS FIVE MISSION AREAS

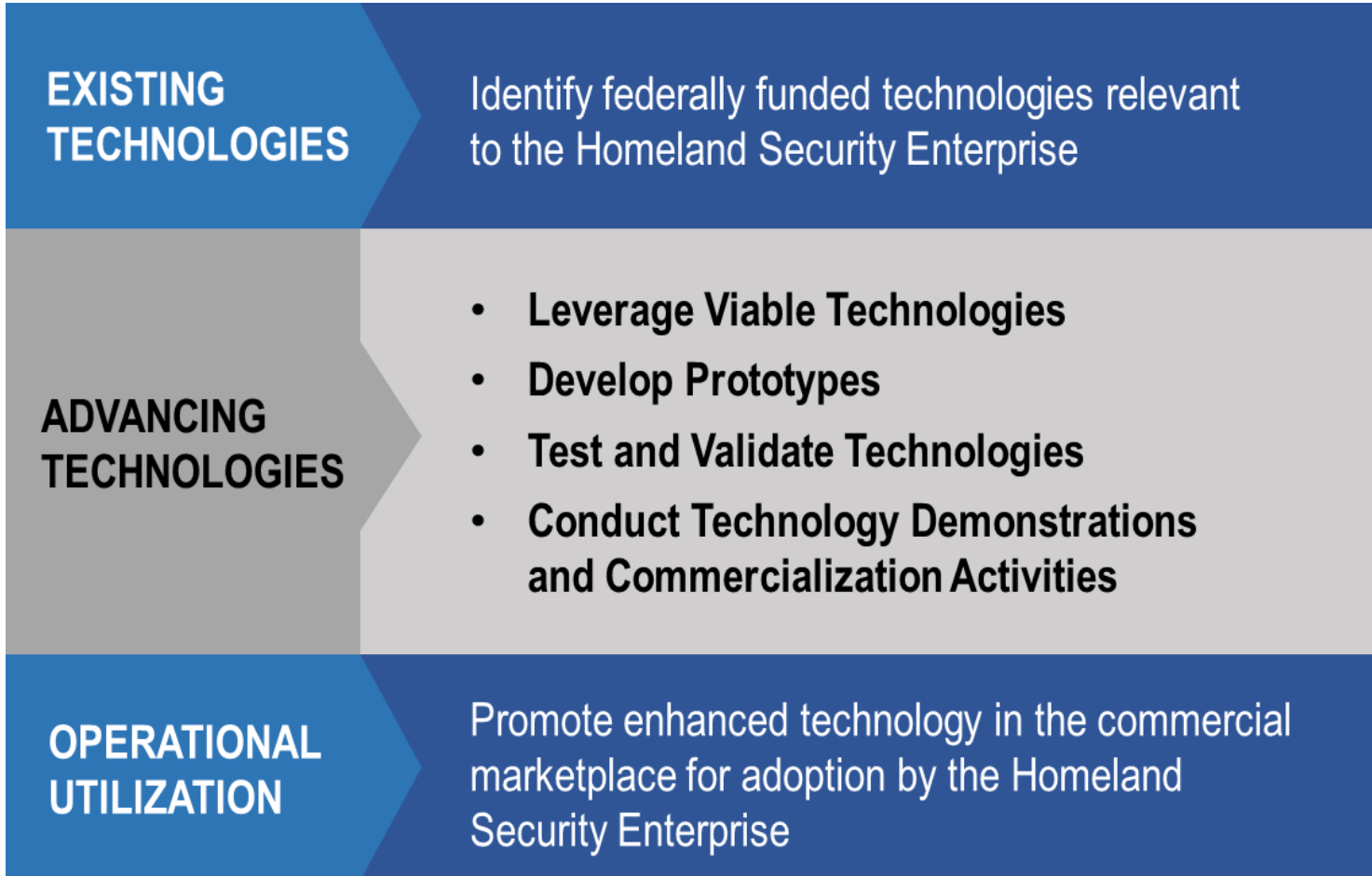


CAP Purpose

- The Commercialization Accelerator Program (CAP) focuses on the maturation, acceleration, and transfer of federally funded technology relevant to the Homeland Security Enterprise (HSE) from:
 - **DOE National Laboratories**
 - **DoD Laboratories**
 - **Federally Funded Research & Development Centers (FFRDCs)**
 - **University Affiliated Research Centers (UARCs)**
 - **Other Federal Research Organizations**

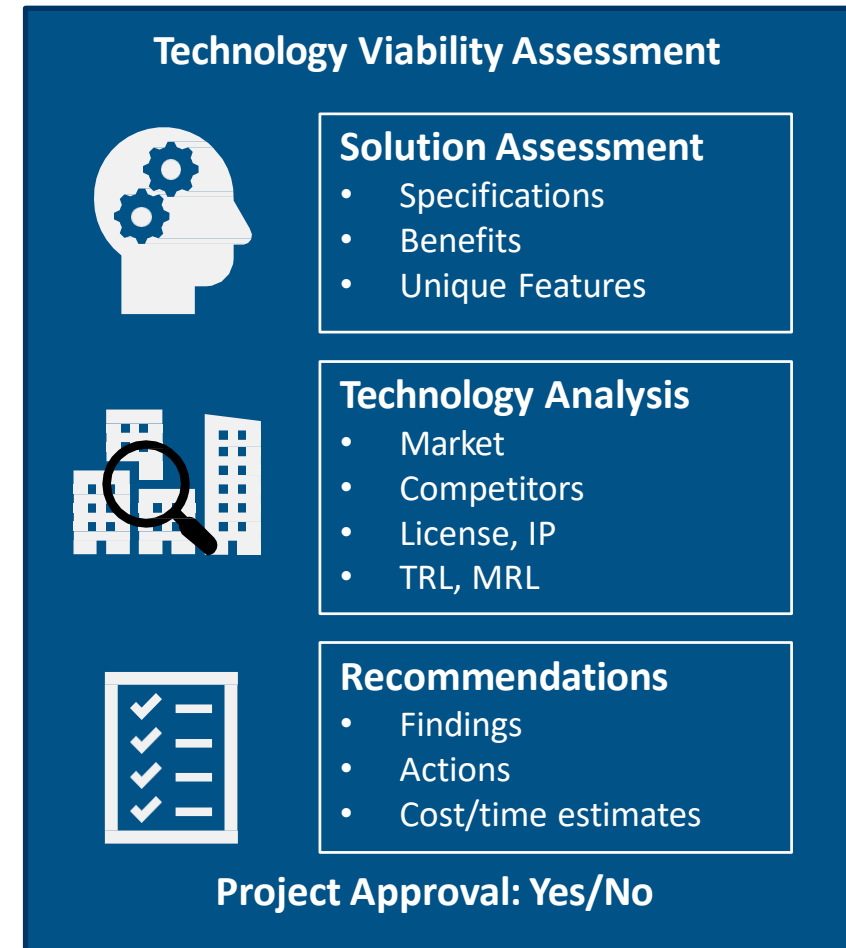


CAP Approach



CAP Technology Viability Assessment

- Technology Viability Assessment (TVA) is a tool that defines the recommended steps to commercialize a technology:
 - Define the current state of the technology and its unique features
 - Document factors that impact efforts to commercialize the technology
 - Compare factors against unique features to determine if technology is viable to commercialize



CAP Performers – FY 2021

- **Department of Energy National Laboratories**

- [Argonne National Laboratory](#)
- [Idaho National Laboratory](#)
- [Los Alamos National Laboratory](#)
- [Oak Ridge National Laboratory](#)
- [Pacific Northwest National Laboratory](#)
- [Sandia National Laboratory](#)

- **Federally Funded R&D Centers**

- [Homeland Security Systems Engineering and Development Institute](#)
- [Massachusetts Institute of Technology - Lincoln Laboratory](#)

- **Department of Defense Laboratories**

- [U.S. Army Research Laboratory](#)
- [U.S. Army Corps of Engineers - Engineer R&D Center](#)
- [Naval Air Warfare Center Training Systems Division](#)
- [Naval Information Warfare Center Pacific](#)
- [Naval Surface Warfare Center Port Hueneme Division](#)

- **University Affiliated Research Center**

- [Johns Hopkins University – Applied Physics Lab](#)

CAP Services

- For selected technologies, CAP advances the path from lab to market through:
 - Market Validation
 - Prototype Development
 - Commercialization Training
- Partnership outreach includes:
 - Technology demonstrations to potential partners and integrators
 - Technology showcases via a variety of forums, conferences, and other events

CAP Benefits



Advanced commercialization pathway for innovative federally funded technologies that address an HSE end user need



Increased utilization of federally funded research and development (R&D) to deliver enhanced HSE capabilities



Improved ability of federal research organizations to more efficiently advance HSE relevant technologies to the commercial marketplace

CAP Contact Information

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DIVERSE PERSPECTIVES + SHARED GOALS = POWERFUL SOLUTIONS