

Combating Terrorism Technical Support Office (CTTSO)



CTTSO Mission

Mission:

Identify and prioritize the needs of the **interagency** community charged with combating terrorism. Deliver capabilities to those on the front lines through **rapid** research, development, test, evaluation, and operational support. Incorporate available expertise and experience from government, commercial, private, and academic sources throughout the United States and the world.

Objectives:

- Provide interagency forum to coordinate R&D requirements for combating terrorism
- Sponsor interagency advanced technology development
- Promulgate technology & information transfer
- Influence policy – identify enablers
- Guide basic and applied research



CTTSO Efficiency

Efficiency-(ī-fīsh'ən-sē)

1. The production of the desired effects or results with minimum waste of time, effort, or resources.

*Just as we must find more savings in domestic programs, we must do the same in defense. Over the last two years, Secretary Gates has courageously taken on wasteful spending, saving \$400 billion in current and future spending. I believe we can do that again. We need to not only eliminate waste and improve **efficiency** and effectiveness, but conduct a fundamental review of America's missions, capabilities, and our role in a changing world.*

-----President Obama 13 April 2011

- Over 100 Government Agencies Participate
- Five International Partners

- Requirements Vetting

- Technical Expertise and Experience

- Shared Resources

- Eliminates Duplication

- Global Audience

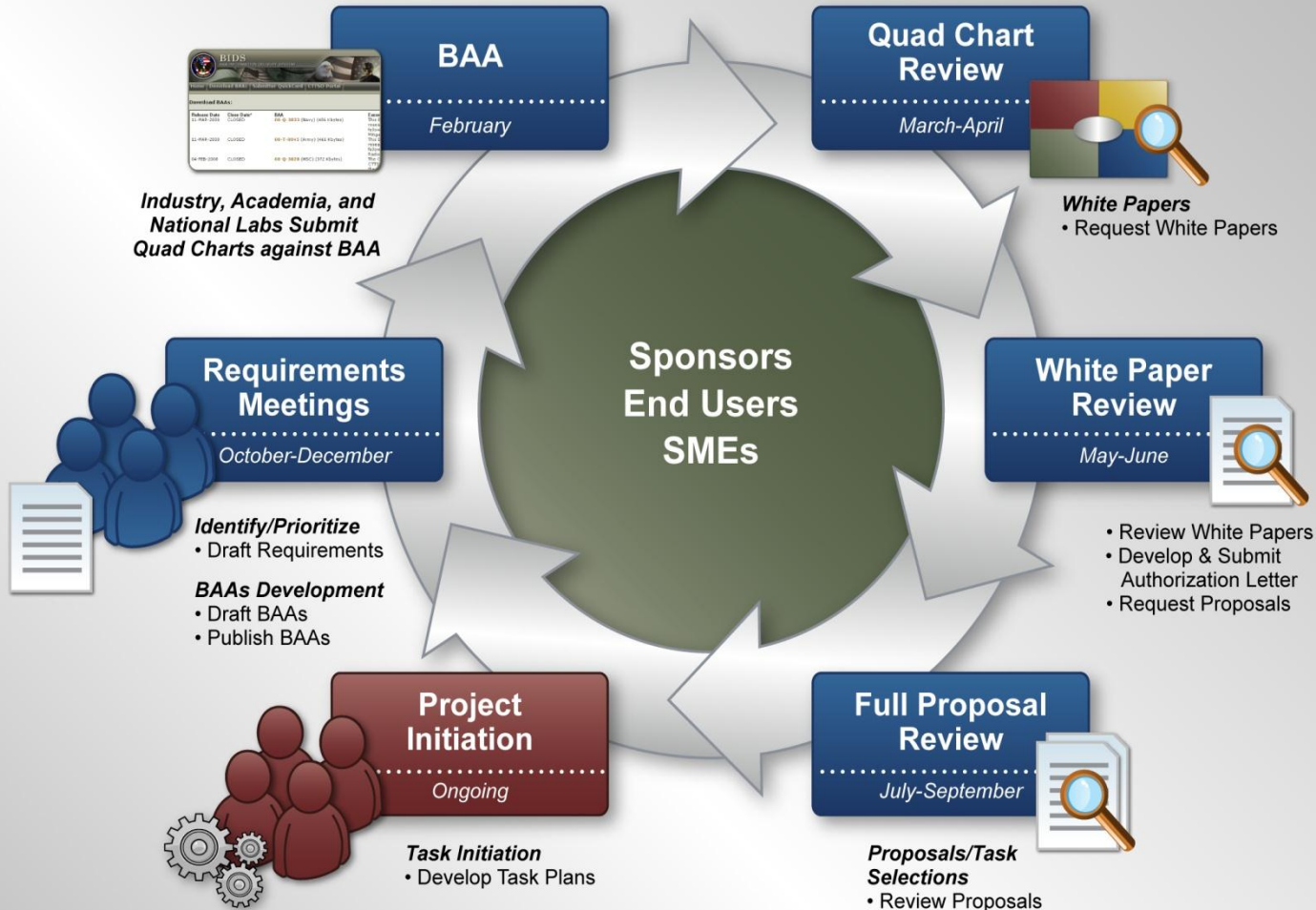
- Rapid Delivery



CTTSO Organization



Business Cycle



INTERNATIONAL PROGRAMS



TSWG Mission

- **Mission:**

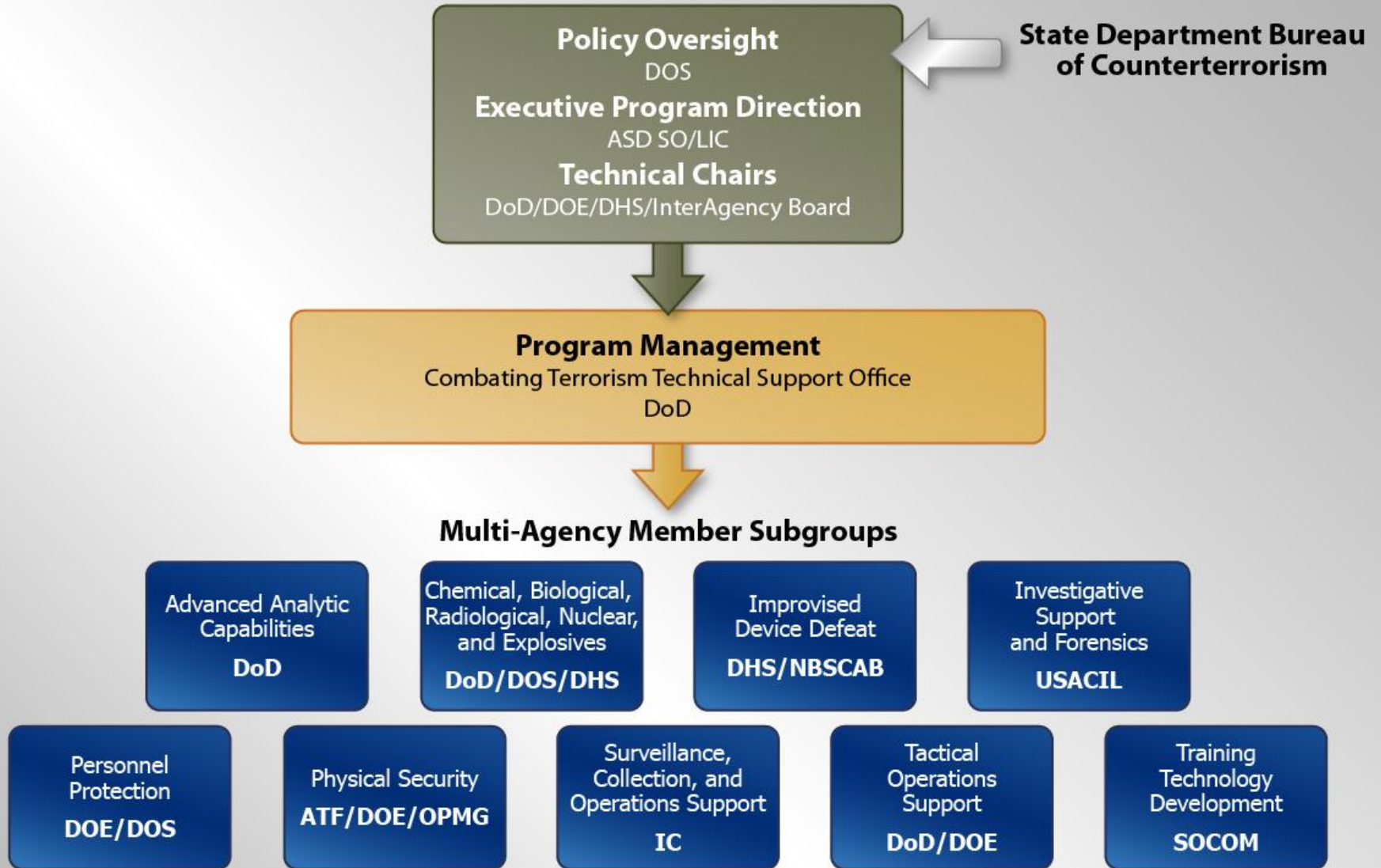
- Conduct the U.S. national interagency research and development program for Combating Terrorism through rapid research, development, and prototyping.

- **Objectives:**

- Provide interagency forum to coordinate R&D requirements for combating terrorism
- Sponsor R&D not addressed by individual agencies
- Promote information transfer



TSWG Organization



Interagency Partnership

Department of Defense

Armed Forces Institute of Pathology
 Assistant to the Secretary of Defense for Nuclear and
 Chemical and Biological Defense; Acquisition,
 Technology and Logistics
 Counterintelligence Field Activity
 Defense Academy for Credibility Assessment
 Defense Advanced Research Projects Agency
 Defense Computer Forensics Laboratory
 Defense Criminal Investigative Service
 Defense Finance and Accounting Service
 Defense Intelligence Agency
 Defense Threat Reduction Agency
 Explosives Safety Board
 Joint Chiefs of Staff
 Joint Improvised Explosive Device Defeat Organization
 Joint Personnel Recovery Agency
 Joint Program Executive Office for Chemical and
 Biological Defense
 Joint Task Force North (NORTHCOM)
 Joint Warfare Analysis Center (JFCOM)
 Lawrence Livermore National Laboratory
 National Security Agency
 National Geospatial-Intelligence Agency
 National Nuclear Security Administration
 National Reconnaissance Office
 Nuclear Regulatory Commission
 Office of Naval Research
 Office of the Provost Marshal General
 Office of the Undersecretary of Defense for Personnel
 and Readiness
 Pentagon Force Protection Agency
 Physical Security Equipment Action Group

Rapid Reaction Technology Office
 Special Operations Command
 Unified Combatant Commands
 U.S. Air Force Air Combat Command
 U.S. Air Force Office of Special Investigations
 U.S. Air Force Research Laboratory
 U.S. Air Force Special Operations School
 U.S. Army
 U.S. Army 20th Support Command – Chemical,
 Biological, Radiological, Nuclear, and High Yield
 Explosives
 U.S. Army 22nd Chemical Battalion
 U.S. Army 52nd Ordnance Group
 U.S. Army Armaments Research, Development and
 Engineering Center
 U.S. Army Asymmetric Warfare Group
 U.S. Army Chemical School
 U.S. Army Chemical School, Maneuver Support
 Center
 U.S. Army Communications-Electronics Research,
 Development and Engineering Center
 U.S. Army Corps of Engineers
 U.S. Army Criminal Investigation Command
 U.S. Army Criminal Investigation Laboratory
 U.S. Army Edgewood Chemical Biological Center
 U.S. Army Explosive Ordnance Disposal Technical
 Detachment
 U.S. Army Intelligence and Security Command
 U.S. Army John F. Kennedy Special Warfare Center
 and School
 U.S. Army Joint Trauma Analysis and Prevention of
 Injury in Combat
 U.S. Army Maneuver and Support Center
 U.S. Army Medical Department

U.S. Army Medical Research and Material
 Command
 U.S. Army Military Police School
 U.S. Army National Ground Intelligence Center
 U.S. Army National Guard Bureau
 U.S. Army Office of the Provost Marshal
 General
 U.S. Army Product Manager-Force Protection
 Systems

Department of Commerce

National Institute of Standards and Technology
 Office of Law Enforcement Standards

Department of Energy

National Nuclear Security Administration
 Office of Health, Safety and Security

Department of Homeland Security

Border and Transportation Security Directorate
 Federal Air Marshal Service
 Federal Emergency Management Agency
 Federal Law Enforcement Training Center
 Federal Protective Service
 Forensic Document Laboratory
 Homeland Security Advanced Research Project
 Agency
 Immigration and Customs Enforcement
 Information Analysis and Infrastructure Protection
 Directorate
 Office for Domestic Preparedness
 Office of Bombing Prevention
 Science and Technology Directorate
 Transportation Security Administration



Interagency Partnership

Department of Homeland Security con't

Transportation Security Laboratory
 Urban Search and Rescue
 U.S. Border Patrol
 U.S. Coast Guard
 U.S. Customs and Border Protection
 Border Patrol Tactical Unit
 U.S. Secret Service
 U.S. Secret Service, Special Services Division, Technical Security Division

Department of Justice

Bureau of Alcohol, Tobacco, Firearms and Explosives
 Drug Enforcement Administration
 Federal Bureau of Investigation
 Federal Bureau of Prisons
 National Institute of Justice
 National Center for Forensic Science
 US Marshals Service

Department of State

Bureau of Diplomatic Security
 Bureau of Overseas Buildings Operations
 Office of the Coordinator for Counterterrorism

Department of Agriculture

Animal and Plant Health Inspection Service
 Food Safety and Inspection Service
 Forest Service

Department of Transportation

Federal Aviation Administration
 Research and Innovative Technology Administration (Volpe Center)

State and Local Agencies

Arlington County (VA) Fire Department
 Bloomington, Minnesota Police Department (Central region)
 DC Metropolitan Police
 Fairfax County (VA) Fire and Rescue Department
 Fairfax County (VA) Police Department
 Fire Department, City of New York
 Georgia Bureau of Investigation (Southern region)
 Houston, Texas Police Department (Western region)
 Jacksonville Port Authority
 Los Angeles County Sheriff's Department
 Lynchburg Sheriff's Office
 Maryland State Police
 Michigan State Police
 Montgomery County Department of Police
 Morris County Sheriff's Office (Eastern region)
 New York City Office of Chief Medical Examiner
 New York City Police Department
 Pentagon Force Protection Agency Bomb Squad (VA)
 Pinellas County Sheriff's Office
 Port Authority of New York & New Jersey
 Protective Services Police Department
 Seattle (WA) Fire Department
 U.S. Capitol Police
 Virginia State Police

Independent Agencies

Environmental Protection Agency
 National Enforcement Investigations Center
 Federal Reserve Board
 Intelligence Community
 InterAgency Board
 National Aeronautics and Space Administration
 National Bomb Squad Commanders Advisory Board
 National Tactical Officers Association
 National Transportation Safety Board
 Office of the Director of National Intelligence



EOD/LIC Organization

Mission:

Provide EOD technicians and SOF operators with the advanced technologies and mission-focused solutions required to address current and emerging threats presented by unconventional and asymmetric warfare.

Membership:

- Joint Service Explosive Ordnance Disposal
- Navy Expeditionary Combat Command
- U.S. Marine Corps Forces Special Operations Command
- USSOCOM



Irregular Warfare Support Program

Mission:

Develop adaptive and agile ways and means to support irregular warfare in the current and evolving strategic environments. IWS supports joint, interagency, and international partners who conduct irregular warfare through indirect and asymmetric approaches, though they may employ a full range of military and other capabilities, in order to erode an adversary's power, influence, and will. IWS solutions include materiel and non-materiel operational analysis, concept development, and delivery of capabilities, to defeat the motivations, sanctuaries, and enterprises of targeted state and non-state actors.



Technology Transition

- Objective: Increase the rate at which CTTSO technologies are made available to the end user community
- An integral part of CTTSO business process
 - Begins with the proposal
 - Continues throughout development
 - Requires periodic deliverables
- Prepares for the unexpected
- Planning assistance provided by CTTSO
- Accelerates prototype to product cycle



Summary

- Identify, prioritize, and deliver capabilities to address operational requirements
- Driven by Interagency Users
- Rapid development and delivery of capability

