

The DoD Strategic Plan for Test and Evaluation Resources



Mr. Jason Coker
Mr. Christopher Paust
March 4, 2009

Test Resource Management Center
1225 South Clark Street, Arlington VA
22202



Outline



- TRMC Background
- TRMC Mission & Roles
- Organizational Structure
- Strategic Planning Purpose
- Strategic Plan Publication Date Realignment
- Strategic Plan Development Process
 - Influence on CTEIP, T&E S&T, Service/Agency Investments
 - Working Groups and the Reliance Process
- Summary



TRMC Background

- The December 2000 Defense Science Board's review of DoD's major range and test facilities identified a number of issues regarding inadequate funding, management, and support of these test ranges and facilities
- To address these issues, Congress, via the 2003 NDAA, directed:
 - the Services to fully fund the DoD Test Range institutional cost
 - the SecDef to establish a DoD-level resource management organization
- DoD Directive (DoDD) 5105.71 established the TRMC as a DoD field activity under the authority, direction, and control of the USD(AT&L)



TRMC Mission, Vision, and Goal

DoDD 5105.71



- **Mission:** "Plan for and assess the adequacy of the... MRTFB...[and] to provide adequate testing in support of development, acquisition, fielding, and sustainment of defense systems; and, maintain awareness of other T&E facilities and resources, within and outside the Department, and their impacts on DoD requirements."
- **Vision:** The DoD T&E ranges and facilities will be fully capable of supporting the Department with quality products and services in a responsive and affordable manner.
- **Goal:** Robust and flexible T&E capabilities to support the Warfighter.



Roles and Missions of the TRMC



**NDAA FY03
Established
TRMC**

- DoD Field Activity
 - Direct Report to USD(AT&L)
- ☆☆☆ SES Director

**Oversee DoD
T&E Budgets:**

- MRTFB
- Other DoD T&E Facilities

**Biennial 10-Year
Strategic Plan**

**Administer T&E
Investment
Programs:**

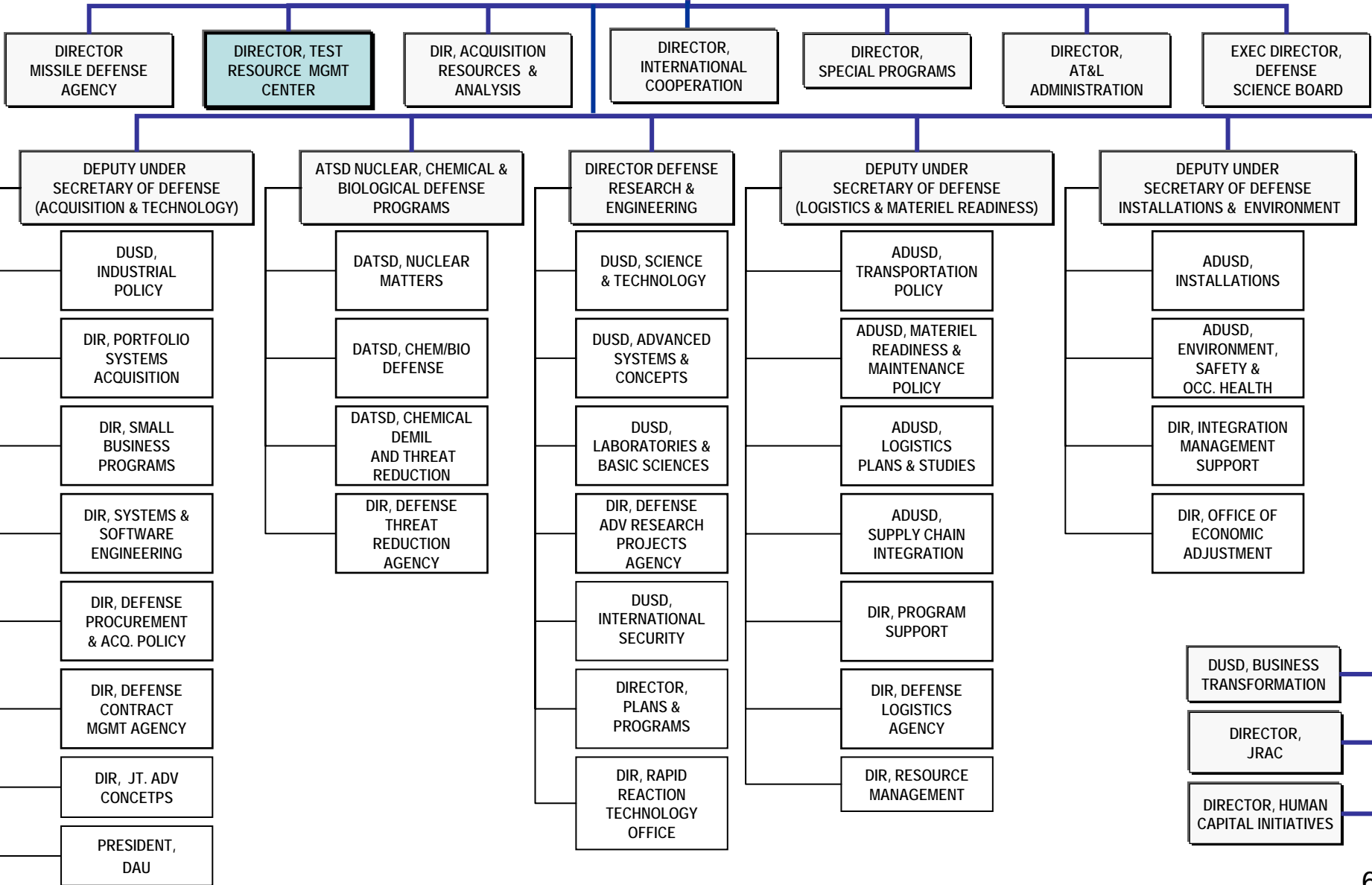
- CTEIP
- T&E / S&T

**Annual T&E
Budget
Certification:**

- Military
Departments &
Defense
Agencies

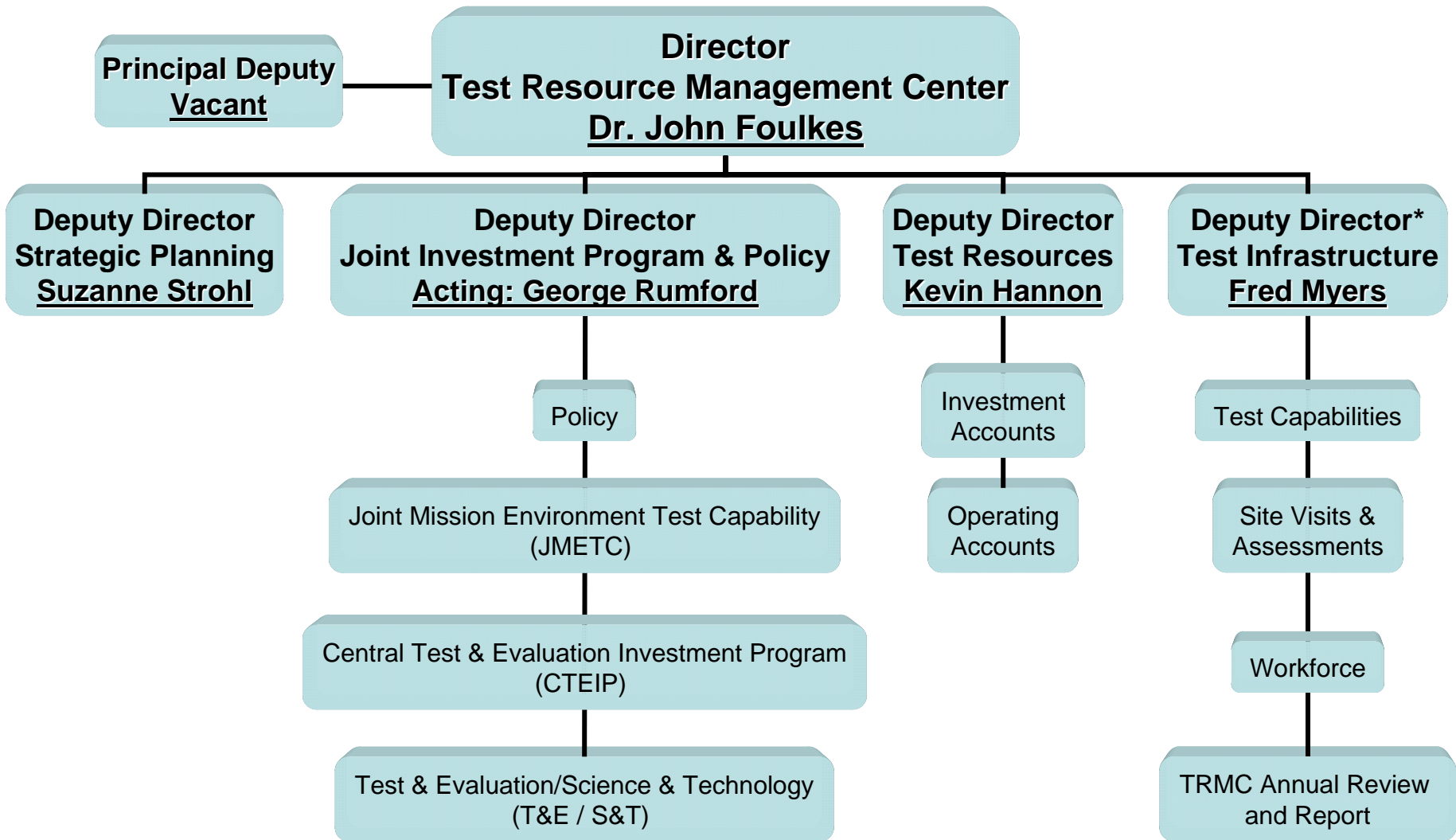


UNDER SECRETARY OF DEFENSE (ACQUISITION, TECHNOLOGY AND LOGISTICS)





TRMC Organization





Strategic Planning Purpose



- Provides a vision of the capabilities and investments needed to support the testing of future weapons systems
- Provides guidance for the planning, programming, budgeting and execution of T&E resources
 - Influences Services T&E POM Investments through the DoD T&E Budget Certification process
- The strategic plan must eventually consider all available T&E capabilities:
 - DoD T&E (MRTFB)
 - Governmental non-DoD
 - Commercial
 - International



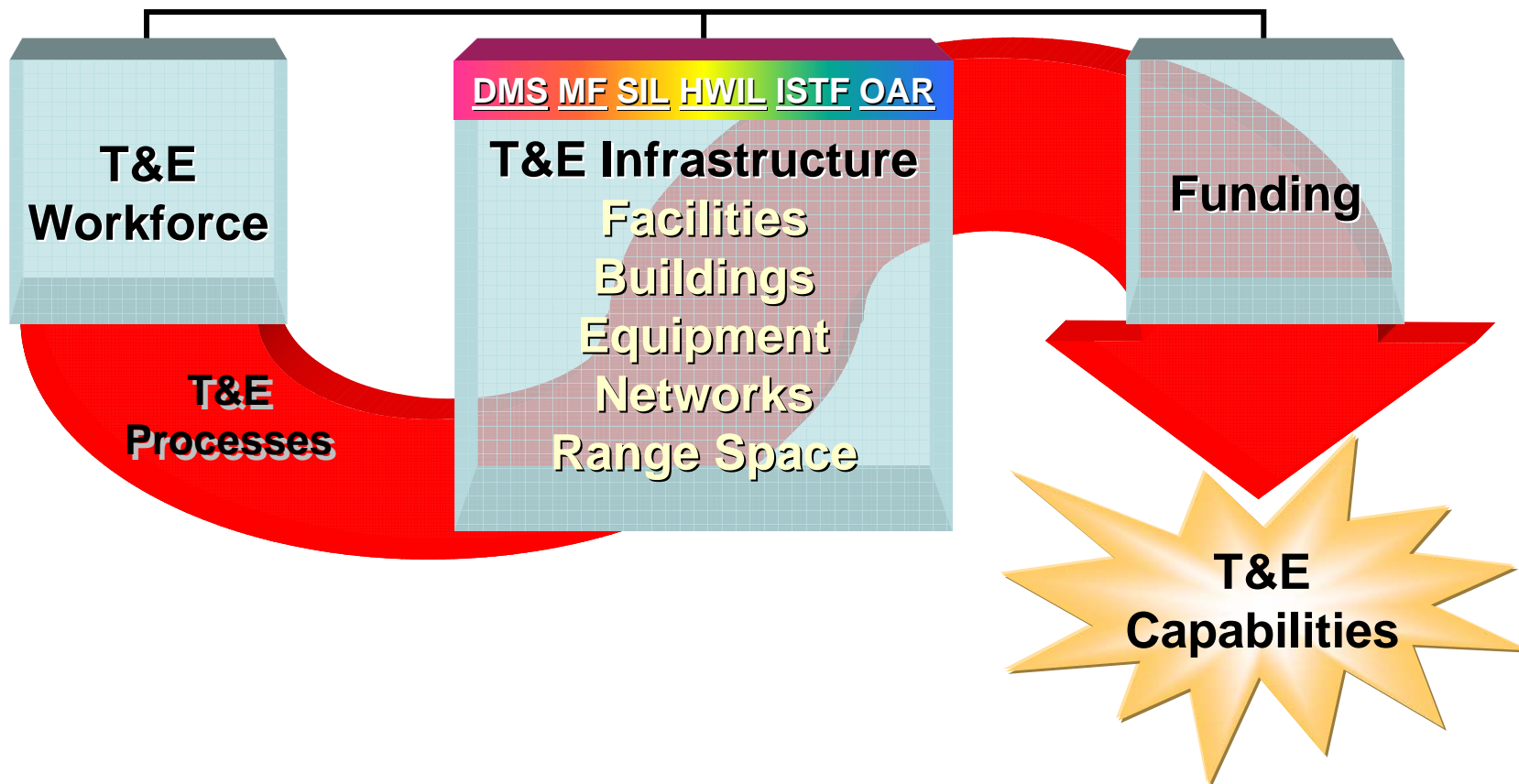
Strategic Planning Purpose (con't)



- Near-term plans will focus on MRTFB and migrate to addressing the broader spectrum of T&E
- Drive the Services Needs and Solutions Reliance process
- Guides TRMC Science and Technology (S&T) and Central Test and Evaluation Investment Program (CTEIP) investments to support DoD T&E Strategic Plan gaps



Strategic Planning Looks at ALL T&E Resources



T&E Resources: A collective term that encompasses the requisite **Workforce**, **Infrastructure** and **Funding** resulting in a **T&E Capability**, by means of the **T&E Processes**



Major Range and Test Facilities Base (MRTFB)



DEPARTMENT OF DEFENSE Major Range and Test Facilities Base (MRTFB)

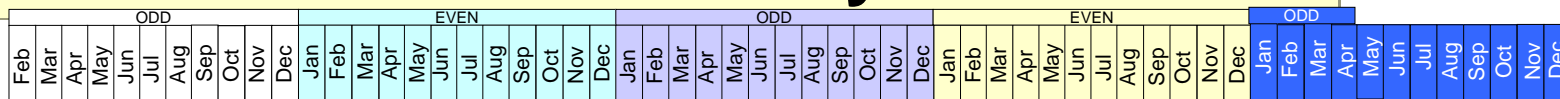
TEST FACILITIES

- USAF - Air Force
- USN - Navy
- USA - Army
- DoD





DoD Strategic Plan for T&E Resources and the PPBE Cycle



TRMC Budget Cert

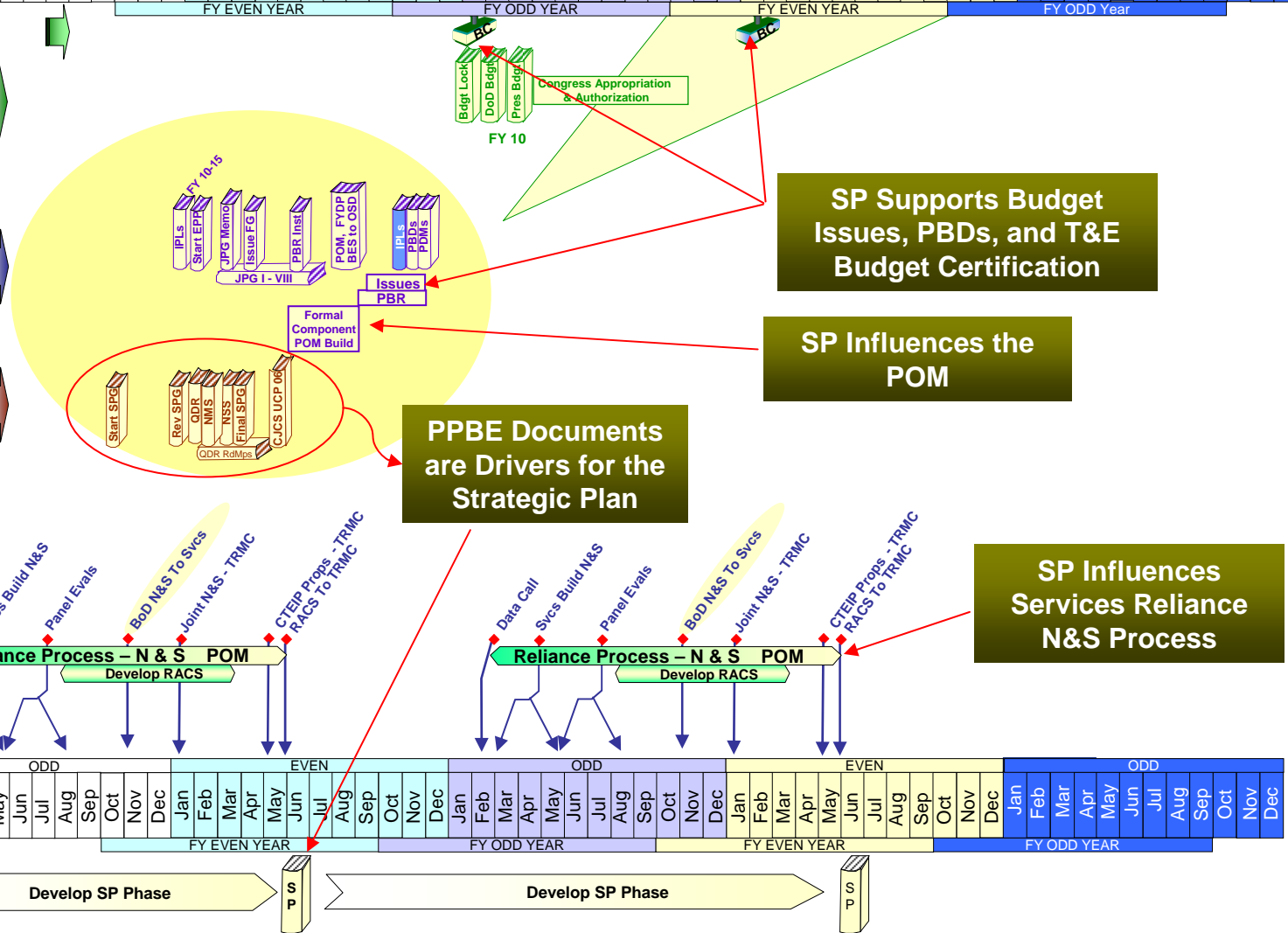
Budgeting

Programming

Planning

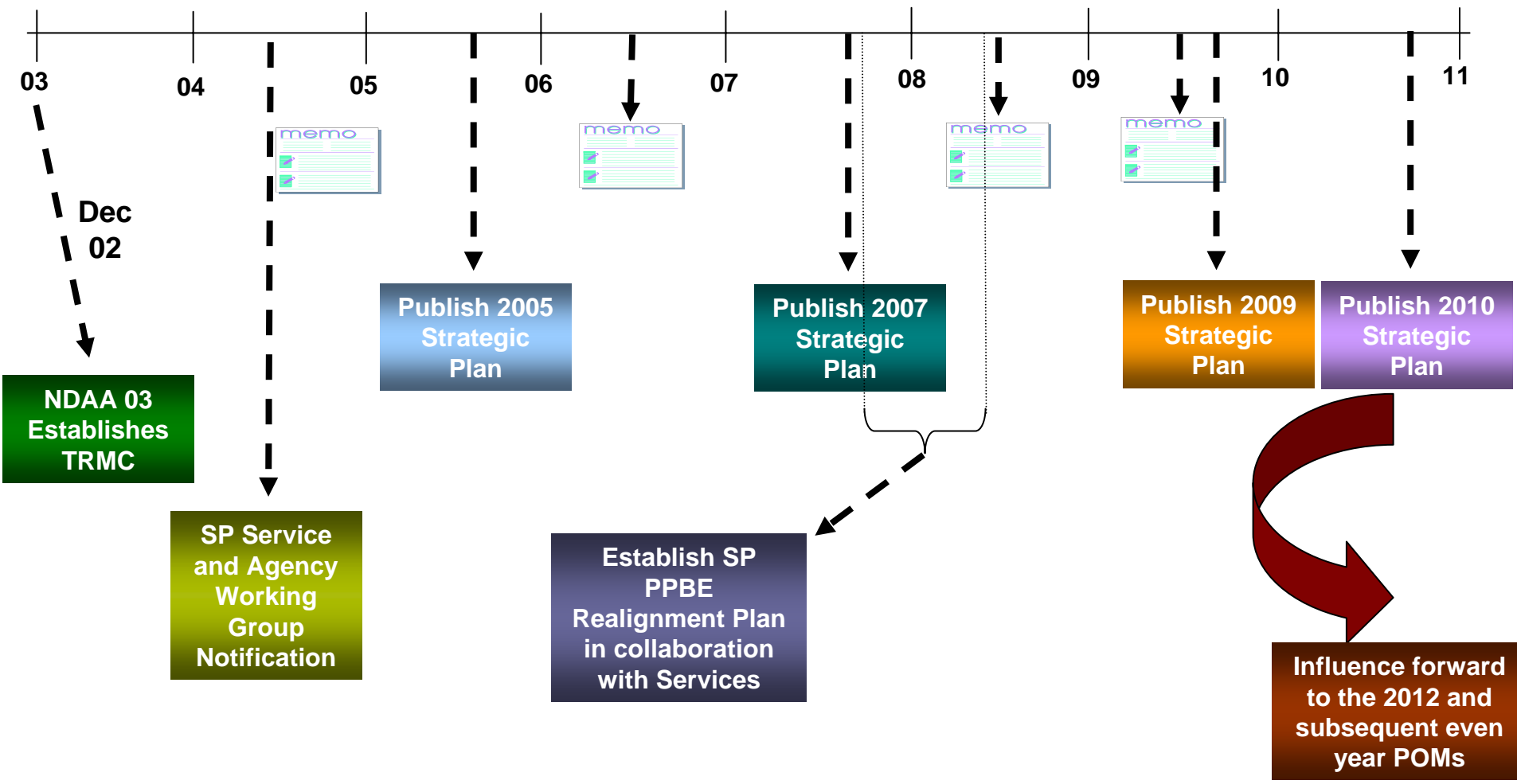
Field

DoD Strategic Plan





Realignment of the Biennial Strategic Plan





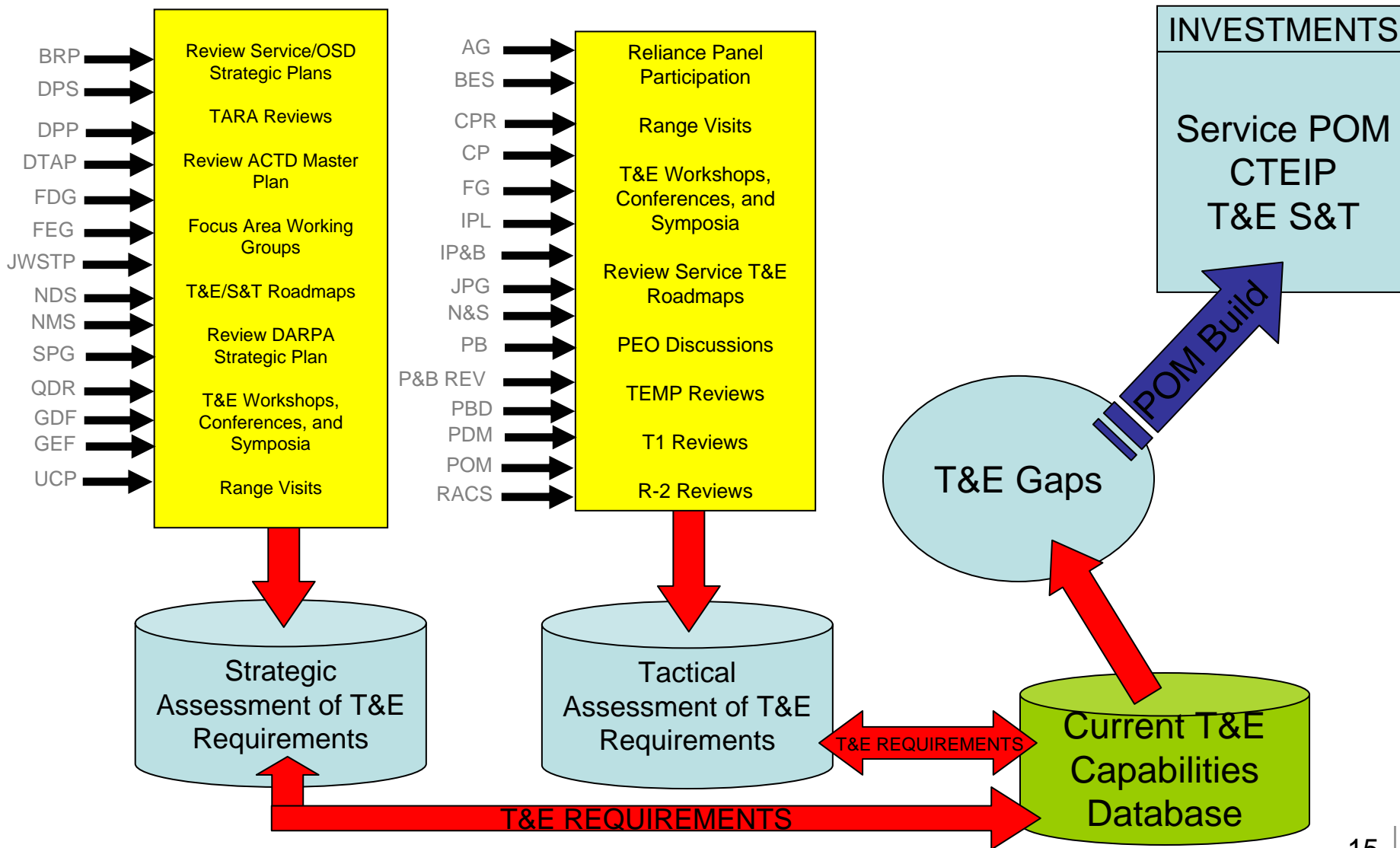
Advantages for Realignment



- Supports OSD, Services, and Agencies PPBES and POM processes
- Supports Services and Agencies Reliance Needs and Solutions Process
 - Established MOA
- Brings a purple flavor to the process
- Provides a top down perspective to the historically bottoms up process
- Synergy through aligned investments



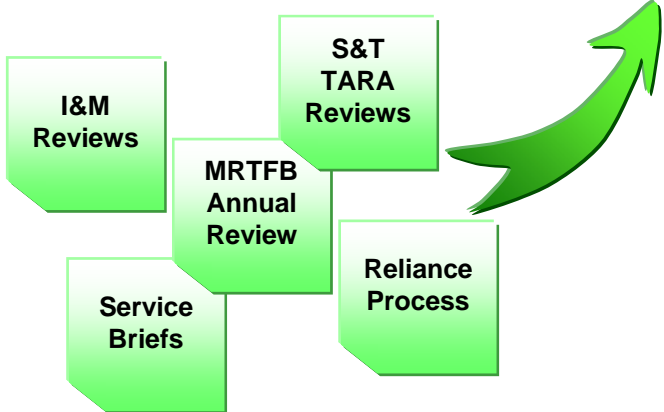
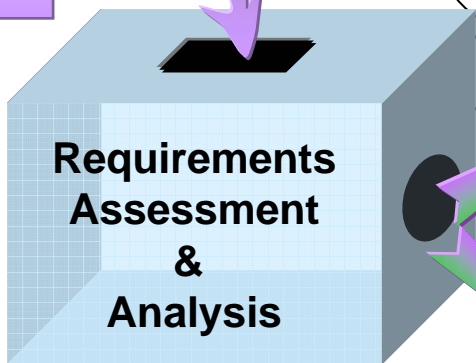
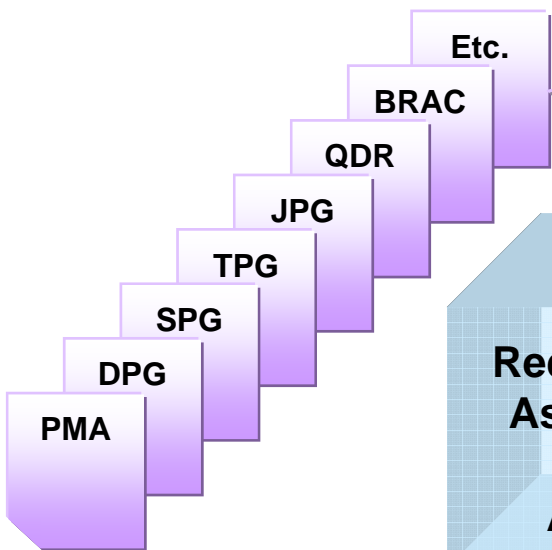
The Strategic Planning Process





Building the Strategic Plan

Top-Down Inputs



Bottom-up Inputs

- Focus Areas**
1. Directed Energy
 2. Nuclear Weapons Effects
 3. Hypersonics
 4. Distributed Test/Cyber/IO
 5. Urban Environments
 6. Unmanned & Autonomous Systems/Maritime Surveillance
 7. IED Defeat
 8. Biometrics
 9. Space

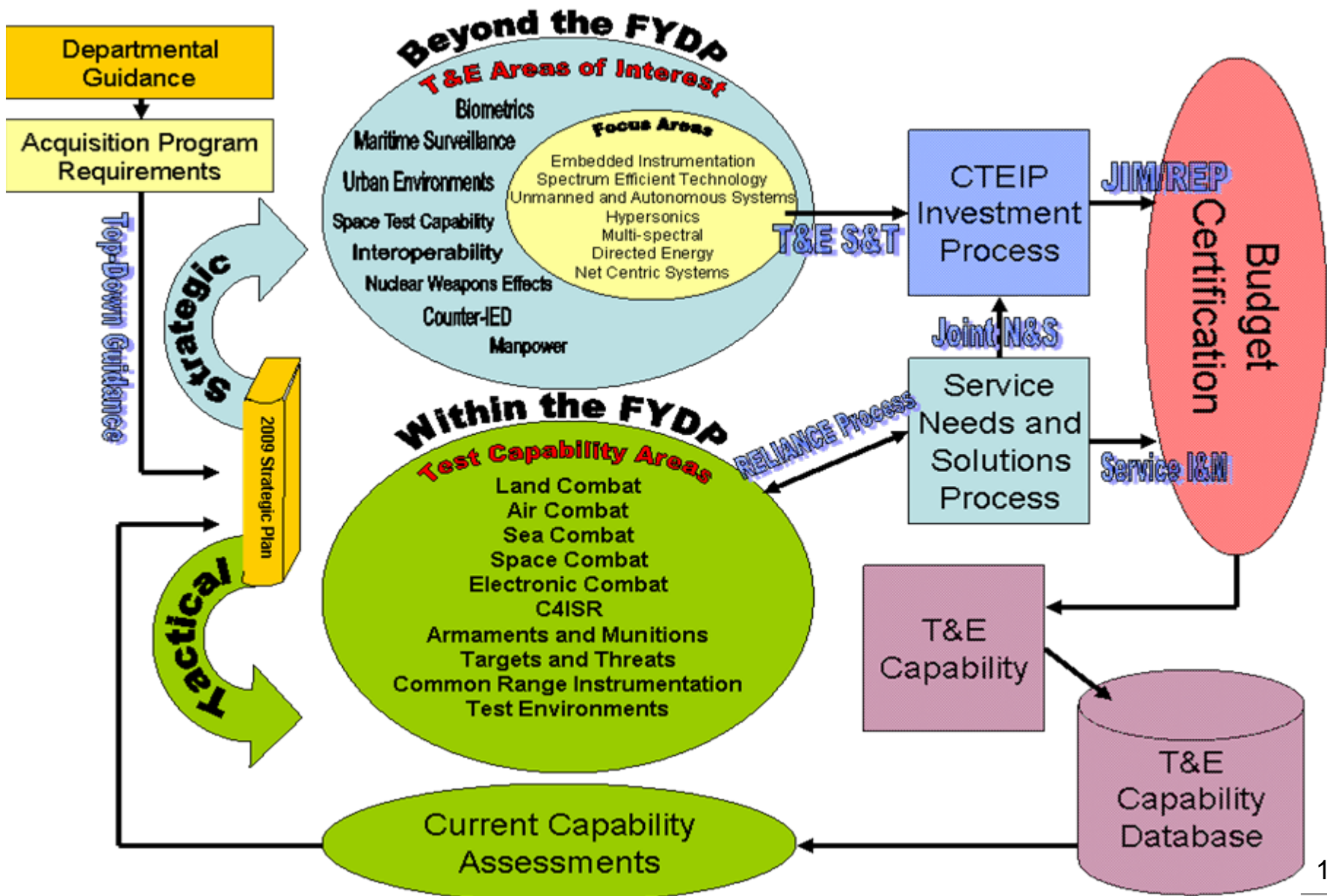
1. Air Combat
2. Land Combat
3. Sea Combat
4. Electronic Combat
5. Space Combat
6. C4ISR
7. Armaments and Munitions
8. Targets and Threat
9. Test Environments
10. Common Range Instrumentation

Test Capability Areas



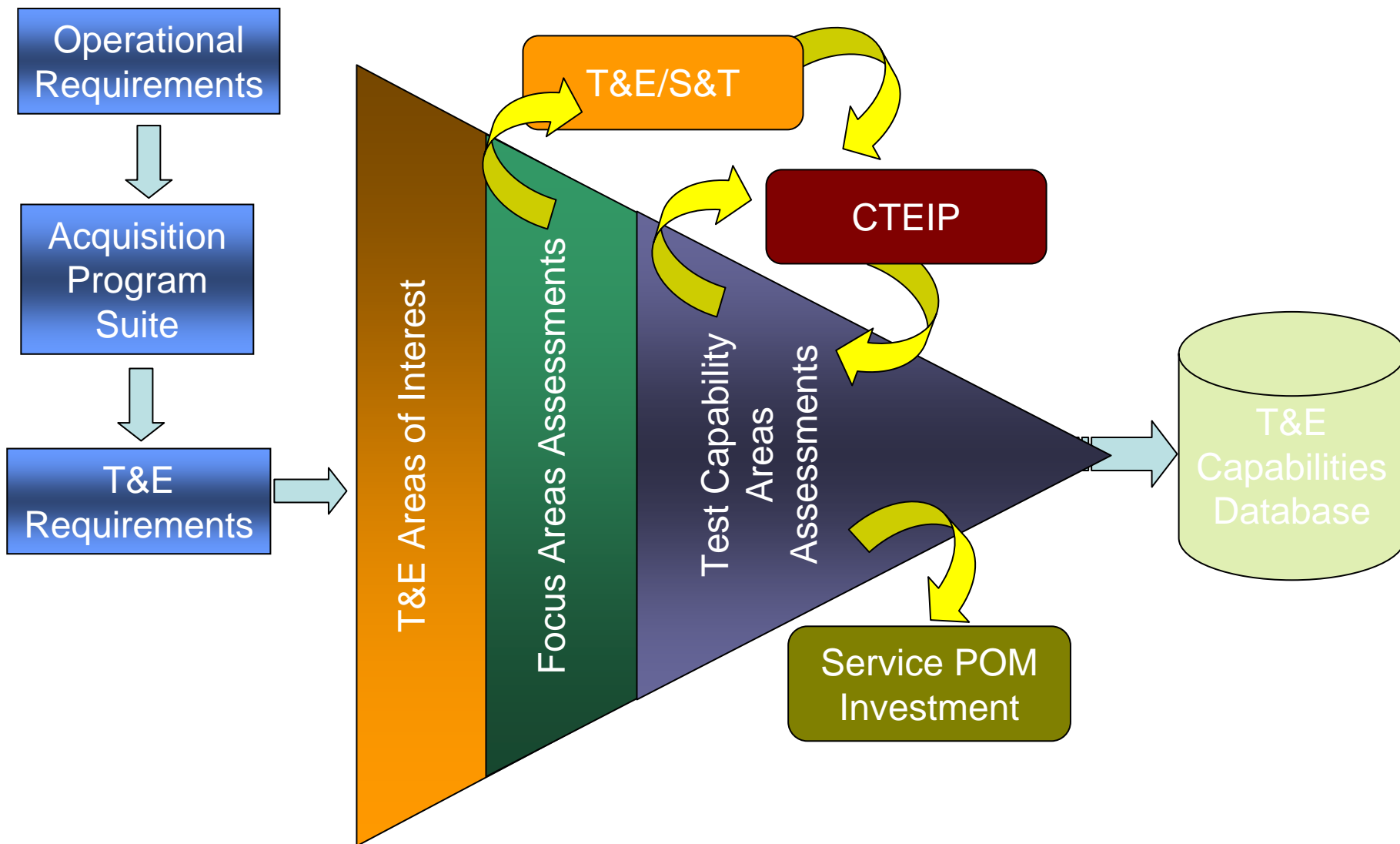


Strategic Planning Interrelation and Roles



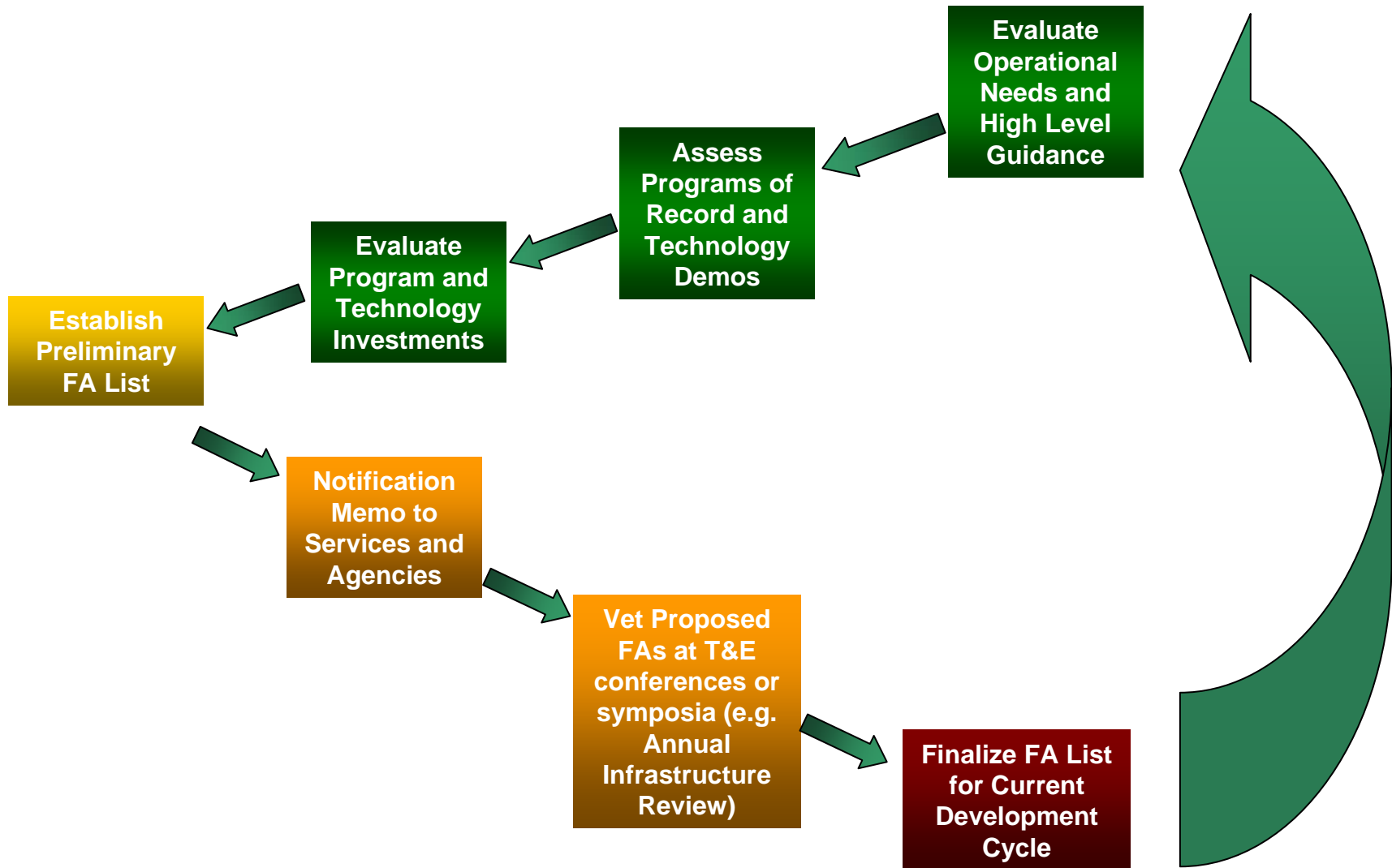


T&E Investments and the Strategic Planning Process





Strategic Plan Focus Area Selection Process





Strategic Planning Focus Area Working Groups



- Focus Area Working Group Composition
 - TRMC Lead
 - Lead POC from each Service/Agency Headquarters
 - Service/Agency Subject Matter Experts for each Technical Area (Action Officer)
 - Multiple Supporting Members
- Headquarters POCs Serve as Final Authority
- Action Officers
 - Serves as principal POC between TRMC and their Service/Agency
 - Reviews and vets focus area development throughout their respective Service/Agency
 - Participates in meetings as established by the TRMC Focus Area leads



Summary



- Strategic Plan provides fundamental support to the TRMC mission
- Foundational document for DoD T&E resources
- Must be collaboratively developed with the Services and Agencies it influences
- Influence's T&E S&T, CTEIP, and Service/Agency investments



Questions?