Joint CBRN Conference & Exhibition

T&E in a Constrained Fiscal Environment
"More Bang for the Buck"

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CBDP T&E Executive
What we do

- Ensure Early T&E Involvement of all Services

- Develop T&E infrastructure strategy

- Provide Joint CBDP T&E policy guidance, threat support, requirements for test capabilities

- Establish and promulgate T&E Standards

Responsibilities to the Leadership

- Shape the current and future T&E Enterprise and Infrastructure to ensure appropriate and adequate data/information can be obtained from test events

- Offer independent advice to the Secretary, CSA/VCSA, and CBDP on the adequacy and impacts of information used to support critical decisions with identified risks

ADUSA(T&E)
Strategic Function

End: **Governance of T&E Enterprise for Secretary of the Army**

Drive the Enterprise (test, instrumentation, analysis, and hooks to labs and depots)
to ascertain effective, integrated solutions to gaps faster and cheaper
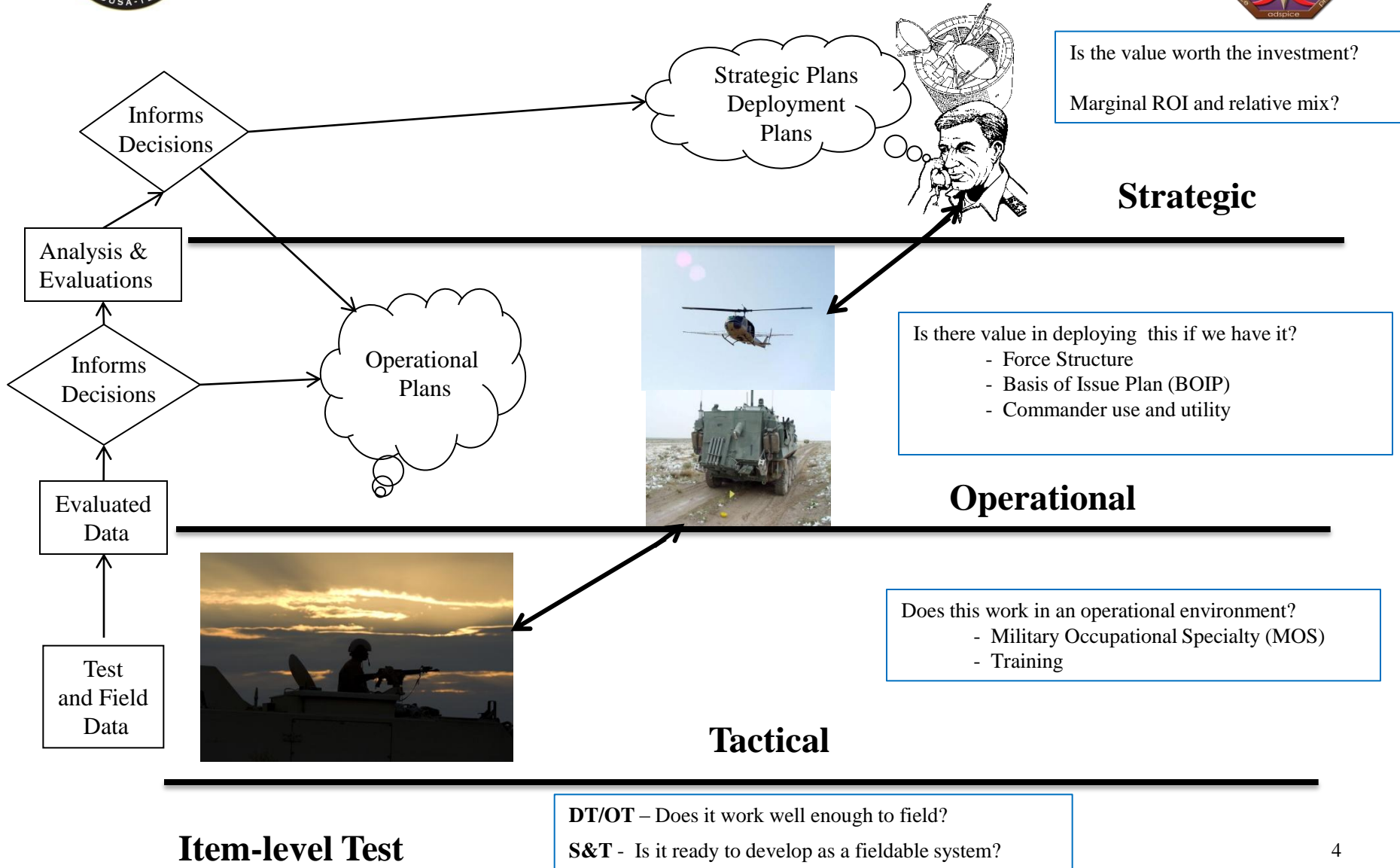*in order to*
Provide quicker, useful, sustainable solutions to problems

Ways:

Policy	Regulation	Budget	Oversight

Means:

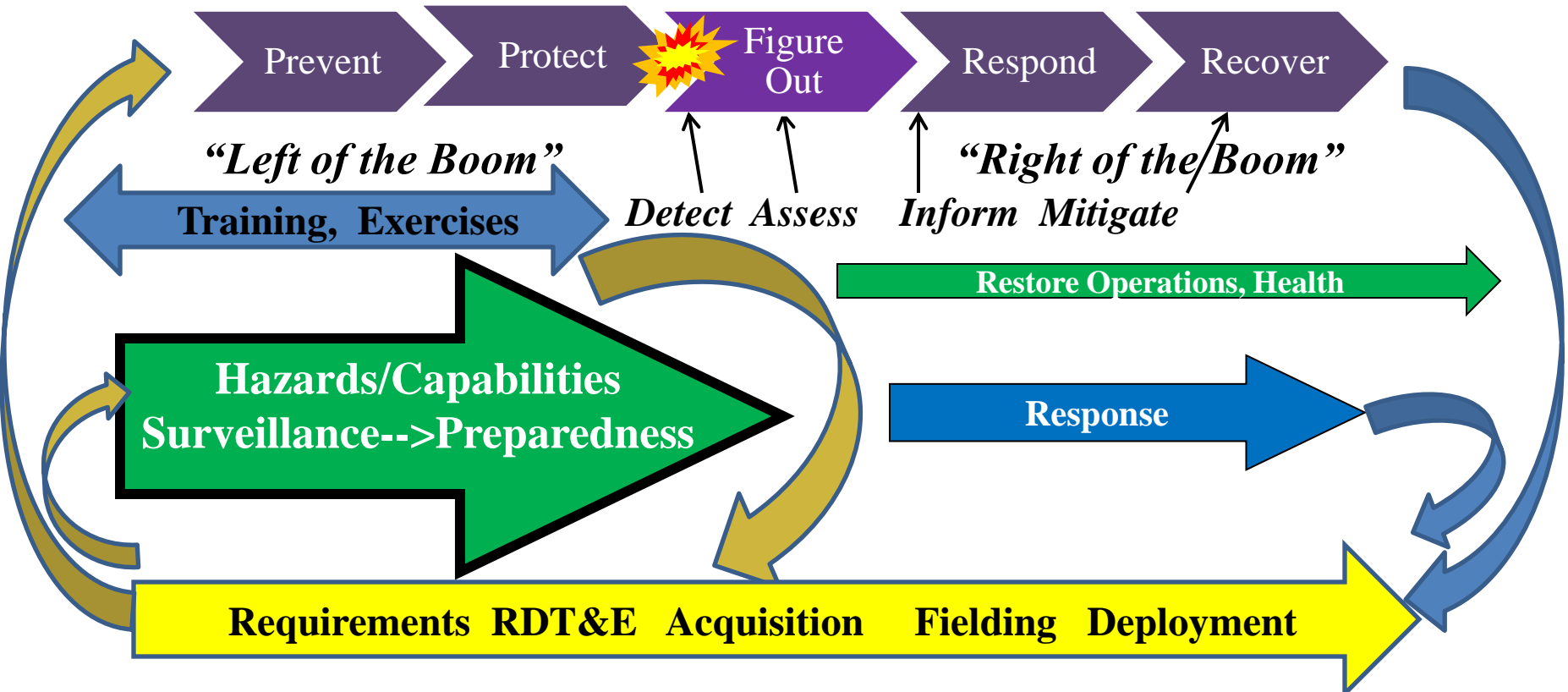|			

Formulate & issue policies on best practices
 	
Impacts on:
  -T&E Community
  -ASA(ALT)
  - ARSTAFF
  - TRADOC-ARCIC
  - M&S
  - Education (DAU)
	Formally instantiate best practices through design of:
	  - Structure
	  - System
	  - Processes
	
	Through proponency for:
	  AR 73-1 (T&E Policy)
	  AR 70-1 (test portion of Army Acq Policy)
		Perform analysis and integration across POM to achieve optimal ROI across portfolio:
		  - Ranges / Labs
		    : ATEC
		    : SMDC
		    : ARL/SLAD
		  - Instrumentation
		    : PEO STRI
		    : PM ITTS
		    : Buy targets
		  - Evaluation / Analysis
		    : AEC
		    : RDECOM:
		      - AMSAA
		      - ARL/SLAD
		  -M&S Support to T&E
			Formulate Enterprise strategy
			
			Approve TEMPs for all ACAT I and OSD oversight programs
			
			Site Visits
			
			Global Awareness of Enterprise and program status for Army Secretariat
			  -Strategic direction
			  -Requirements cost drivers
			  -OSD interests/concerns
			  -Connections (requirements, S&T, Depots, M&S, AoAs)

Value of T&E: Enterprise Evaluation "Big E" Strategic Value Focus

Strategic

Is the value worth the investment?

Marginal ROI and relative mix?

Operational

Is there value in deploying this if we have it?
- Force Structure
- Basis of Issue Plan (BOIP)
- Commander use and utility

Tactical

Does this work in an operational environment?
- Military Occupational Specialty (MOS)
- Training

Item-level Test

DT/OT – Does it work well enough to field?

S&T - Is it ready to develop as a fieldable system?

Informs Decisions → Strategic Plans Deployment Plans

Analysis & Evaluations

Informs Decisions → Operational Plans

Evaluated Data

Test and Field Data

4

Enterprise Linkage:
Feedback Loops Critical for Preparedness

Prevent, Protect, Respond, Recover Spectrum

Prevent → Protect → [Figure Out] → Respond → Recover

Detect Assess Inform Mitigate

"Left of the Boom" **Training, Exercises**

"Right of the Boom"

Restore Operations, Health

Hazards/Capabilities Surveillance-->Preparedness

Response

Requirements RDT&E Acquisition   Fielding Deployment

Feedback Loops Identify Gaps in Processes, Capabilities

W. O. G. approaches
- **Validated vendor claims**
- **System charaterization for "fit for purpose" procurement**
- **Quality data shared by all**

T&E Stairway to Heaven

COTS Standardization implementation 2014, ongoing

ISO Certification, Lab Accreditation 2013-16

COTS Standardization Concept Development 2012

T&E Standards Publishing 2011, ongoing

T&E Standards Development with Inter Agency Cooperation 2010, ongoing

T&E Standards Policy 2009

Program Silos, Disparate data: Lack of efficiency, quality

CBRND Interagency TECMIPT

T&E Capabilities and Methodologies IPT

Deputy Under Secretary of the Army for Test and Evaluation