



UNIFORMED SERVICES UNIVERSITY
of the Health Sciences

**CENTER FOR DISASTER AND
HUMANITARIAN ASSISTANCE MEDICINE (CDHAM)**

Measures Of effectiveness in Defense Engagement and Learning (MODEL) study

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The MODEL study purpose and goals are aligned with 2013 NDAA Section 715¹

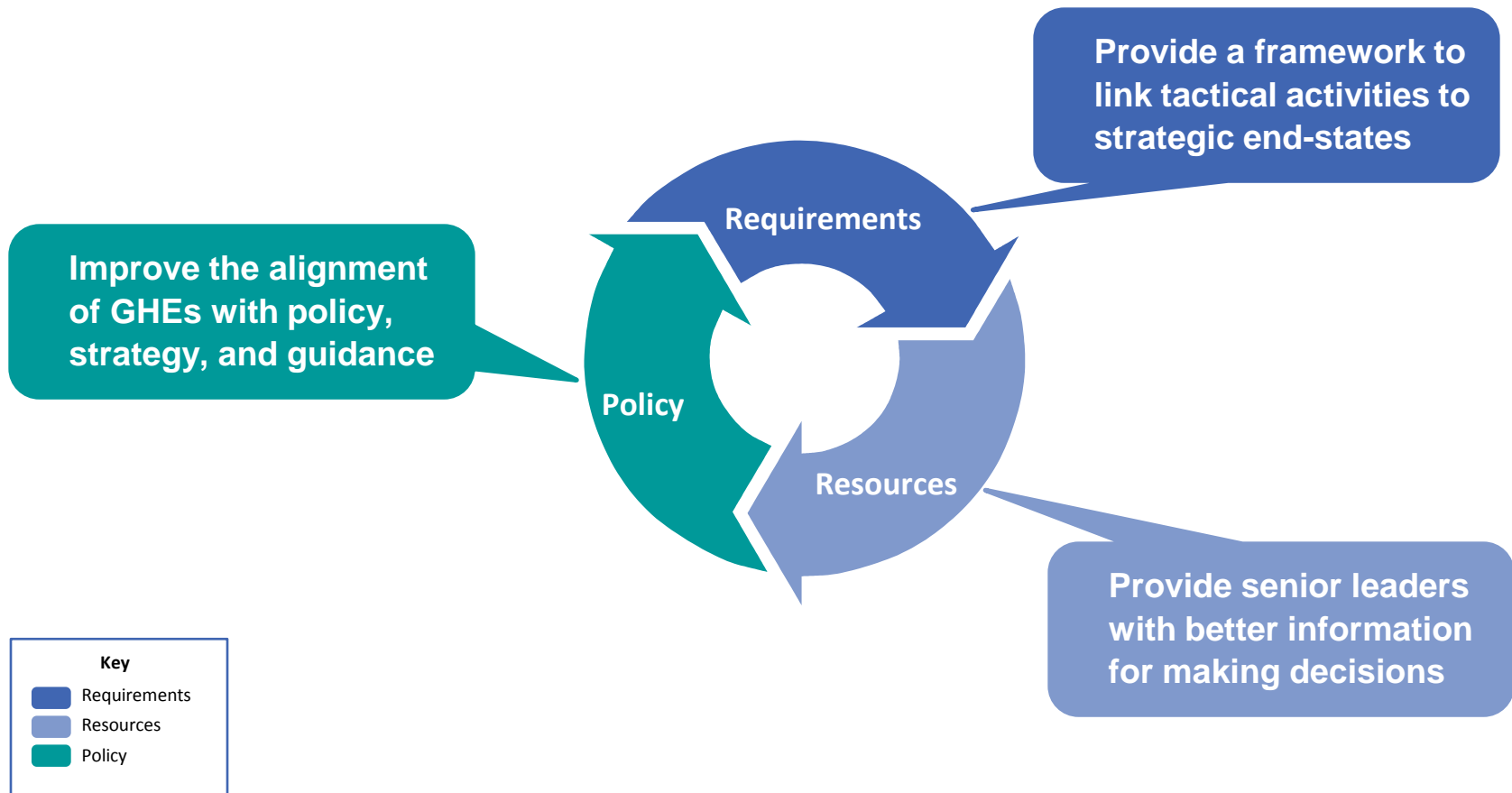
Purpose: Evaluate the use of health engagements as a means of ensuring security, stability, and enduring partnerships

Goals:

- I. Develop processes to measure GHE effectiveness at the strategic and operational levels, leveraging tactical data
- II. Develop a learning tool, enabled at the tactical and operational levels to capture data, and leveraged at the strategic level to inform policy, requirements, and resources

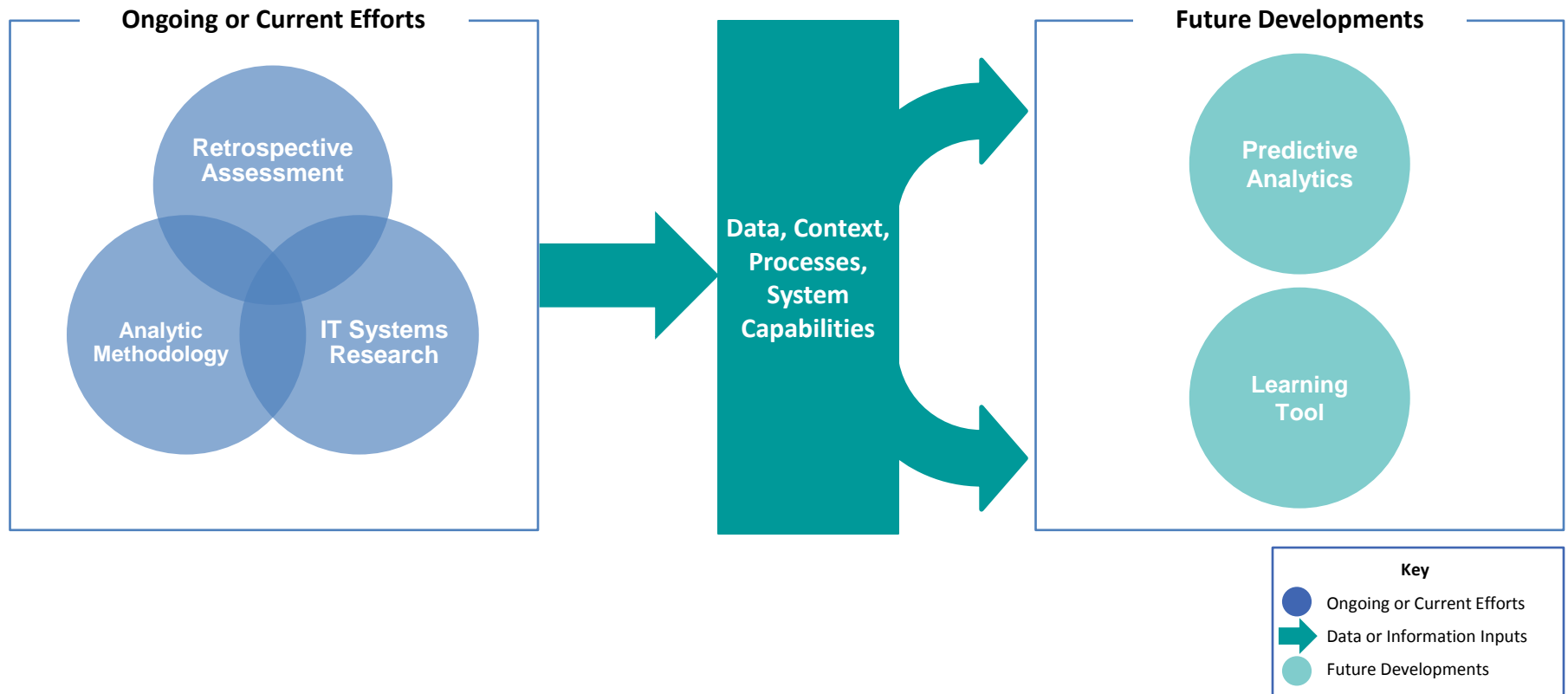
Study Benefits

The MODEL study has the potential to inform and improve policy, requirement, and resource processes



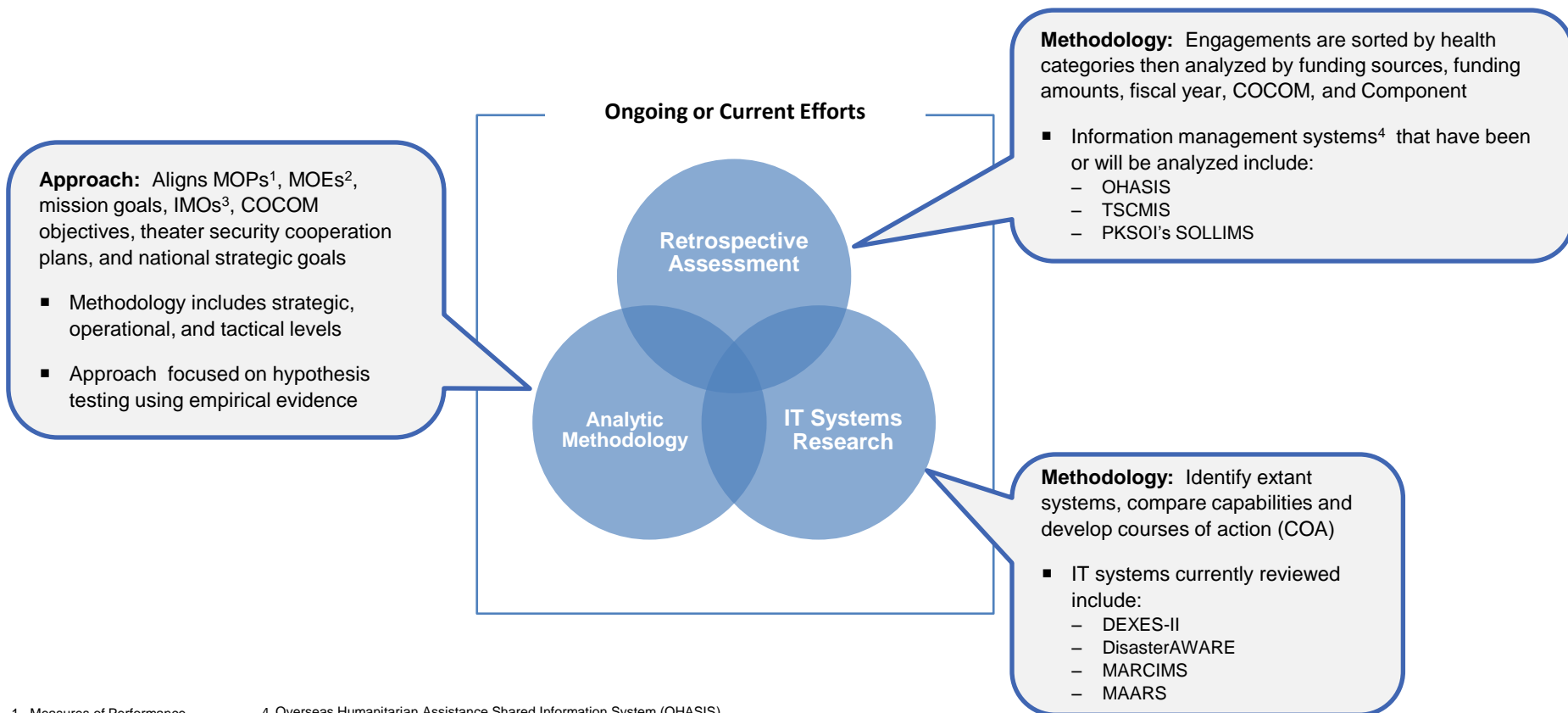
MODEL Focus Areas

The MODEL study employs five focus areas, with emergent results and findings informing and influencing the study on an ongoing basis



Ongoing or Current Efforts

The MODEL study developed methodologies and approaches that can be replicated to address different data sets and variables

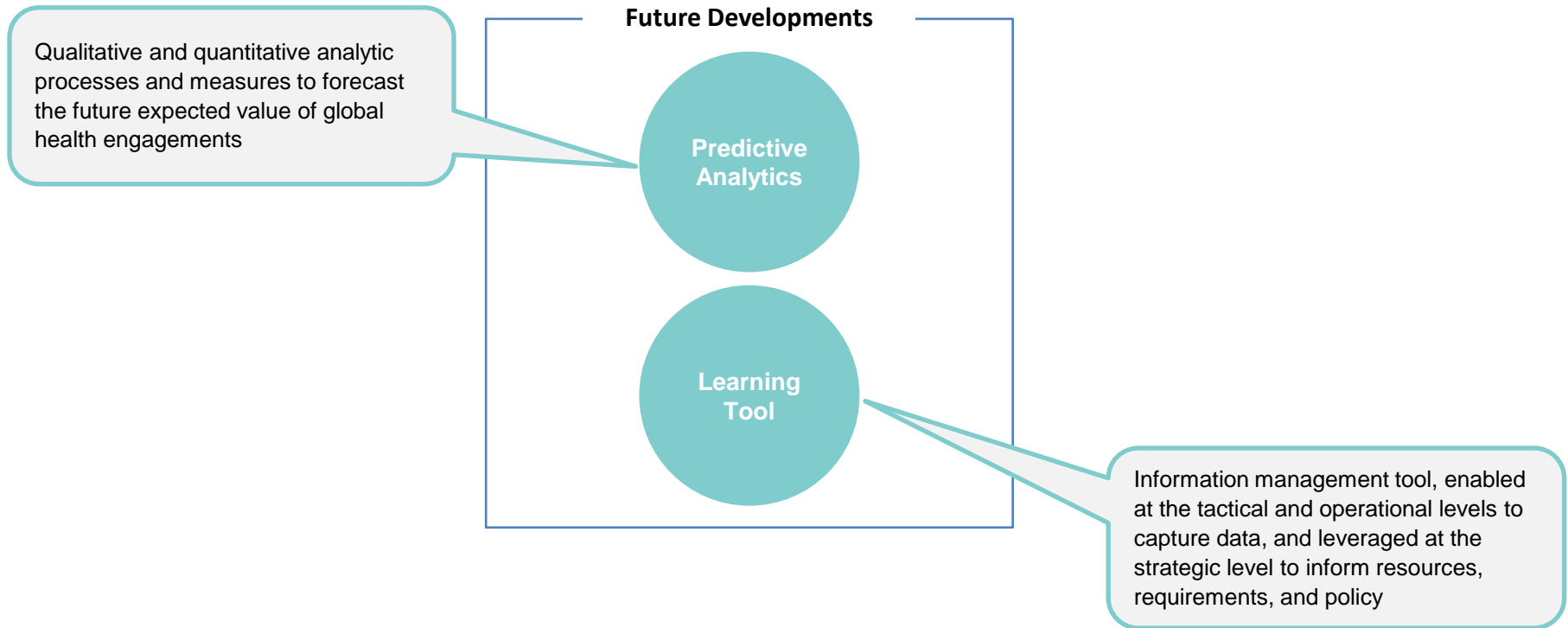


1. Measures of Performance
2. Measures of Effectiveness
3. Intermediate Military Objectives

4. Overseas Humanitarian Assistance Shared Information System (OHASIS), Theater Security Cooperation Management Information System (TSCMIS), The Peacekeeping and Stability Operations Institute's (PKSOI's) Stability Operations Lessons Learned & Information Management System (SOLLIMS)

Future Developments

Results from ongoing efforts (i.e., Retrospective Assessment, IT Systems Research, and Framework Development) will inform and shape future developments



What is the MODEL Analytic Methodology?

- An assessment construct that gauge effectiveness via qualitative and quantitative tools
- It is not an IT system or software program

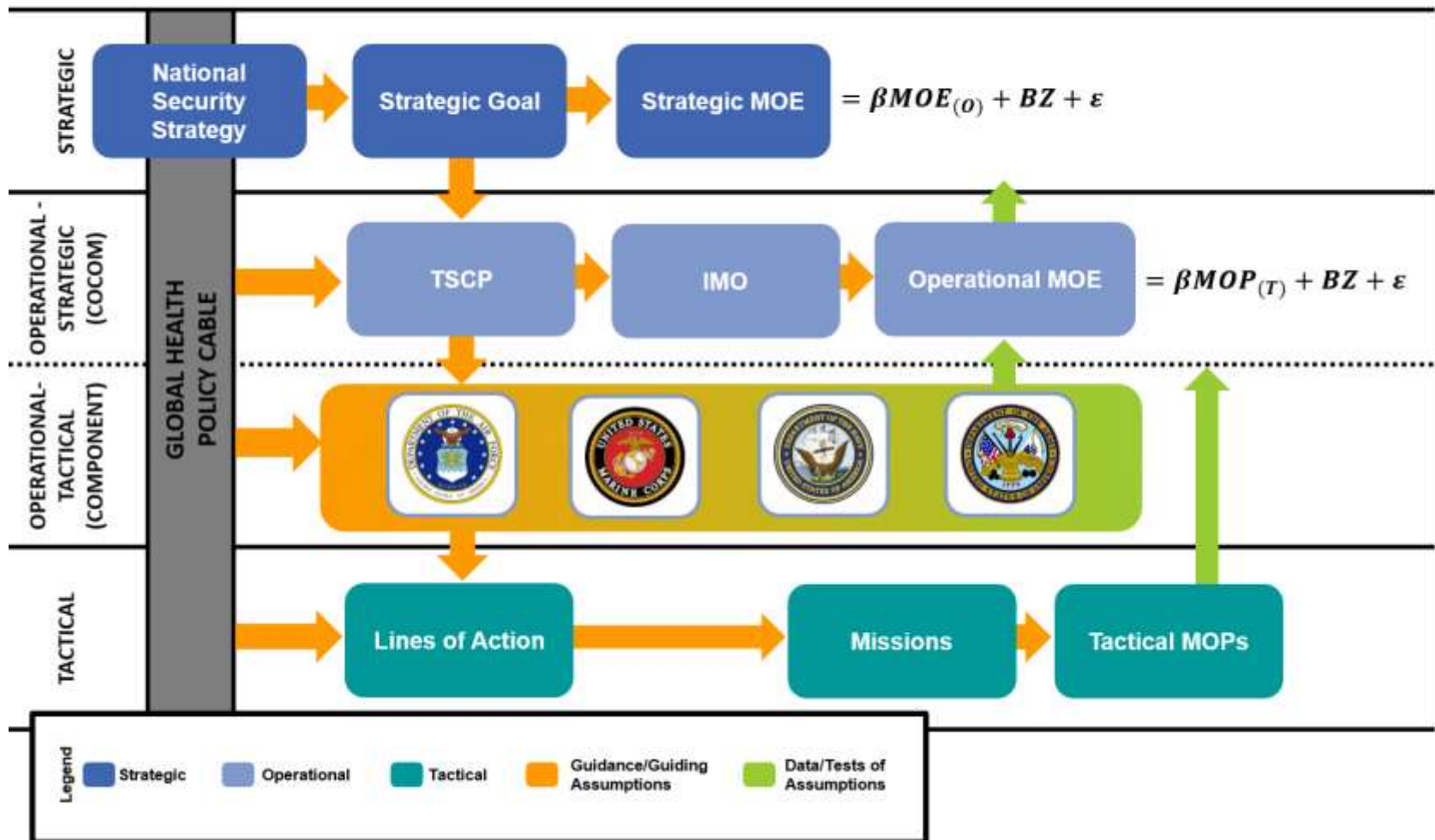
What does it do?

- Measure the effectiveness of aggregated global health engagements at the strategic level in terms of matching outcomes to desired end states as identified by strategic guidance documents
- Incorporate measures of performance collected at the tactical level and matches those with measures of effectiveness
- Develop a flexible and modular assessment tool that can potentially be used to gauge the effectiveness of projects and programs beyond health engagement

What is the scope?

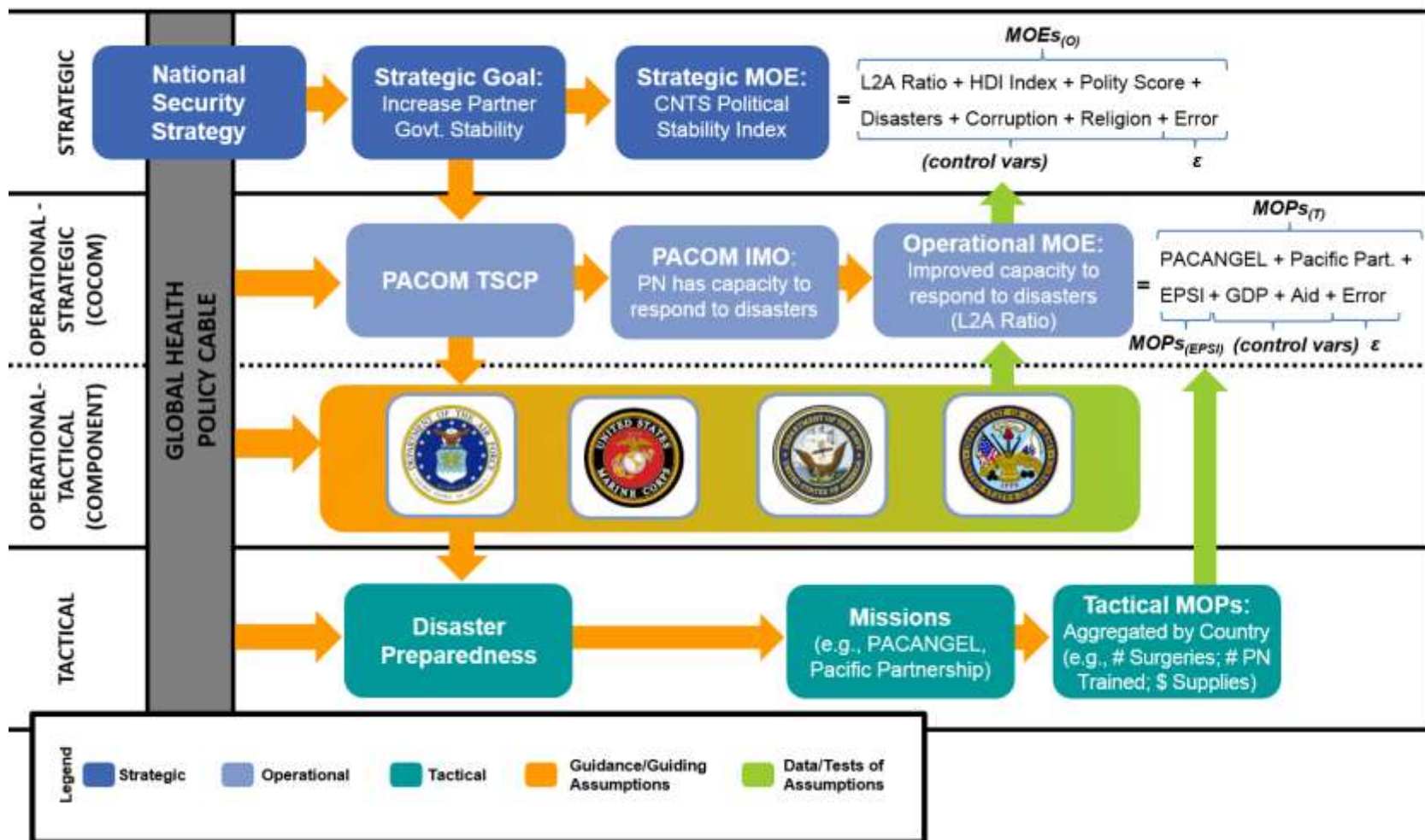
- DoD-wide initiative with potential benefits to all Services and COCOMs

THE MODEL HIERARCHICAL RESEARCH DESIGN



Application (PACOM Example)

THE MODEL HIERARCHICAL RESEARCH DESIGN



MODEL Collaborations



Global Health Working Group Measures of Effectiveness Committee

- Members: Services, Joint Staff, OSD (P), OSD (HA), USUHS
- Objectives:
 - Develop a process to ensure GHEs are meeting national security goals
 - Develop a learning tool to assess the efficiency and effectiveness of GHEs

Analytic Working Group:

- Members: DTRA, SOUTHCOM, CAA
- Objectives:
 - Validate analytic approaches
 - Collaborate on related analyses

OHASIS Working Group:

- Members: DSCA, J4, OSD (HA)
- Objectives:
 - Improve project submission and after action templates
 - Inform new system requirements

Next Steps

Over the next quarter, the MODEL study will undertake several efforts

Retrospective Assessment

- Identify themes and trends from AARs
- Analyze TSCMIS data by health categories and funding stream

Analytic Methodology

- Develop and identify additional measures
- Identify data sources
- Validate framework

IT Systems Research

- Assist in revising OHASIS AAR and Project Submission templates
- Coordinate with DSCA, ONR, and others to learn about additional or emergent systems