

# **HQ USINDOPACOM**

## **MOVING FASTER TO INNOVATE FOR THE USINDOPACOM WARFIGHTERS**



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**This brief is classified:**

**UNCLASSIFIED**

**Discussion up to:**

**UNCLASSIFIED**

***Classified by:* Dr Martin Lindsey**

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***Declassify on:* N/A**

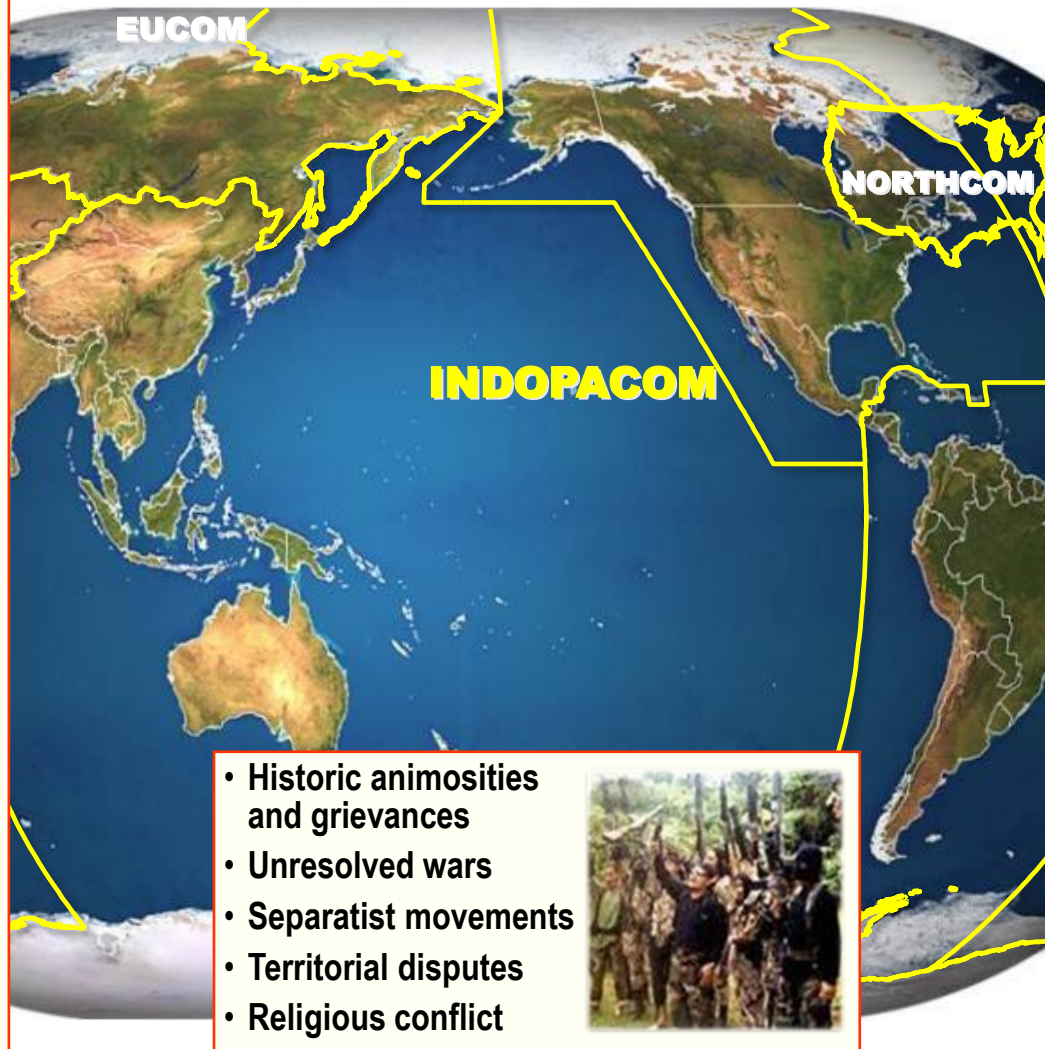


# The Situation in *INDOPACOM*

- Over half of world's population
- 51% of Earth's surface; 17% of total land
- 36 nations
- 16 time zones



FREE AND OPEN INDO-PACIFIC



- Historic animosities and grievances
- Unresolved wars
- Separatist movements
- Territorial disputes
- Religious conflict



- World's 7 largest armed forces - potent military capabilities
- 2 of 3 largest and 10 of 14 smallest economies
- 5 of 7 U.S. Mutual Defense Treaties

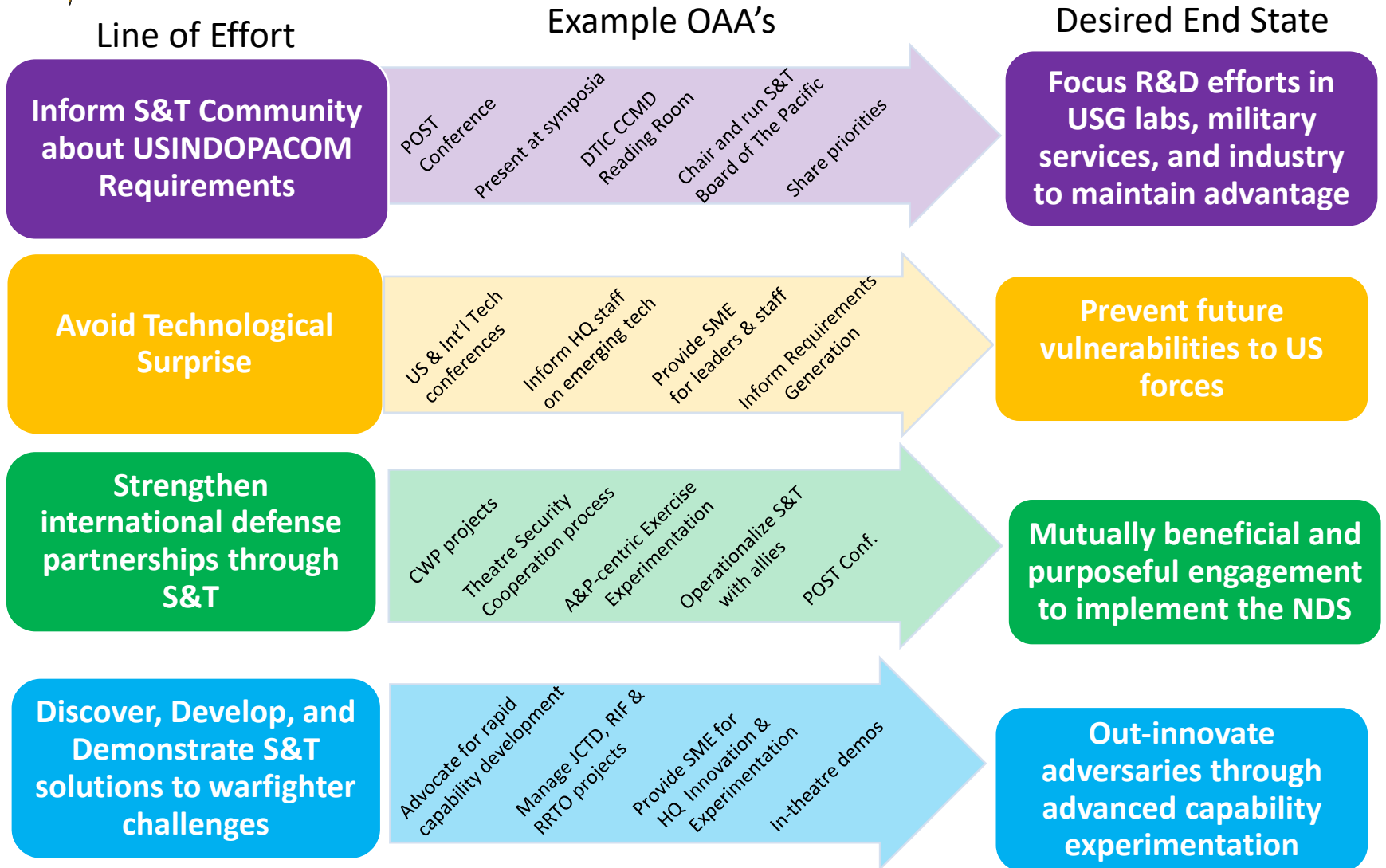


- JOINT FORCE LETHALITY
- DESIGN & POSTURE
- ALLIES & PARTNERS
- EXERCISES, EXPERIMENTATION, & INNOVATION



# INDOPACOM Science and Technology Mission and Objectives

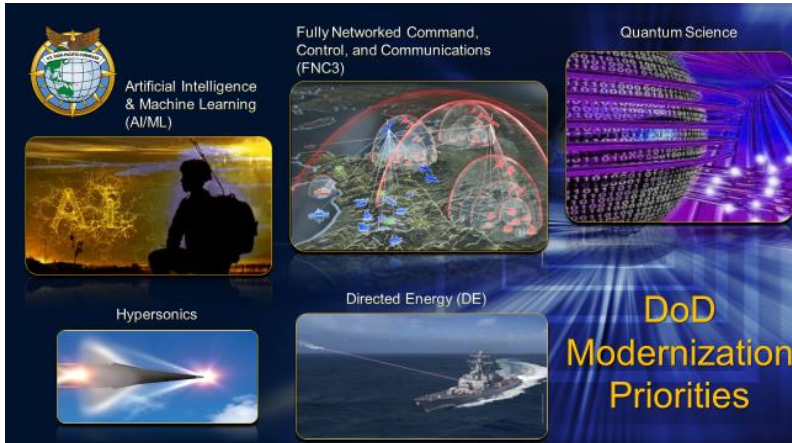
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# S&T Initiatives

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- S&T support to Joint Warfighting Concept focused experimentation
- Rapid Prototyping and Demonstration
- Technology-centric Joint analyses



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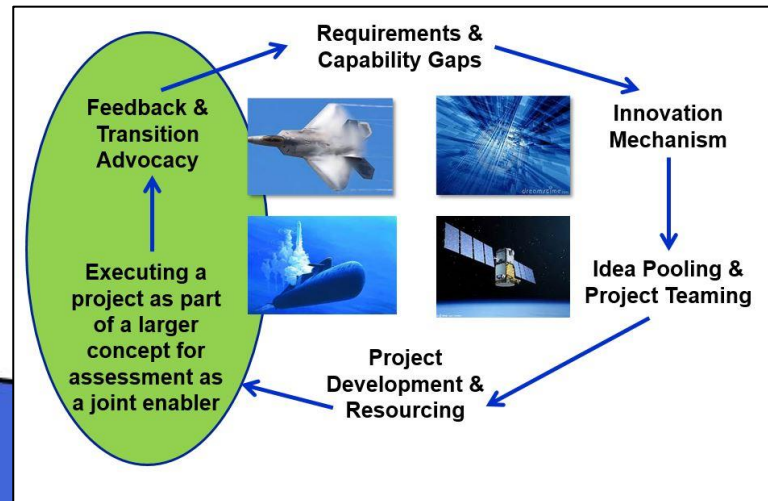
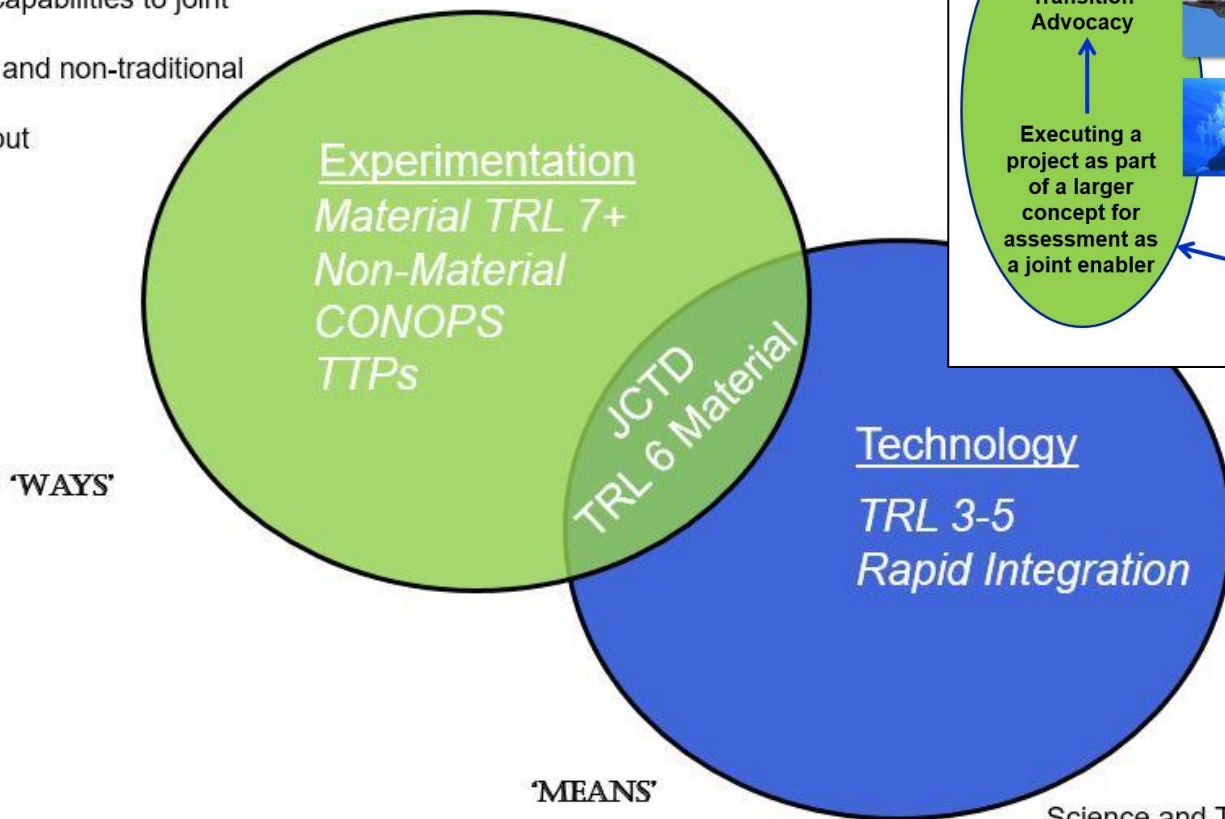


# INDOPACOM Joint Experimentation View

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## Experimentation

- CCMD level is focused on validating capabilities to joint concepts
- Traditional and non-traditional solutions
- 1-3 years out



## Science and Technology

- Informs the "what" into experimentation
- Avoiding Tech Surprise



# International S&T Engagements

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- **Strategic Opportunity**
  - **Cooperative, structured US and partner nation R&D will maximize modernization, increase interoperability, and strengthen coalition partnerships**
  - **Jointly identify technologies and experiments that benefit partnerships**
  - **Allies and Partners devoting R&D resources to modernize their military capabilities in similar priority areas**
  
- **Department of Defense International Science & Technology Engagement Strategy, October 2020**

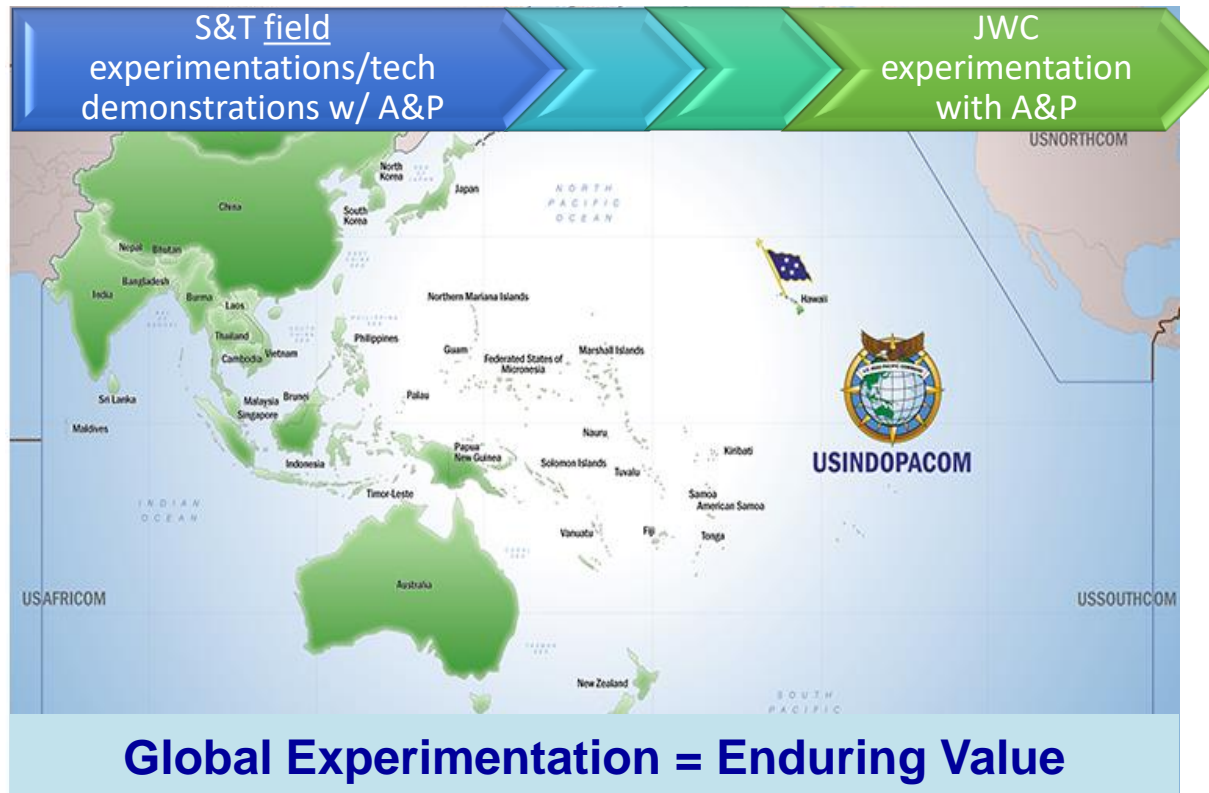




# Joint International Experimentation (JIE)

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- **Field experiments/ technology demonstrations, in cooperation with Partner Nations**
- **Provides relevant operational environments for testing and assessment of technologies and to enhance coalition defense and security needs and provide mutual benefits from increased cooperation**





# **INDOPACOM S&T Board**

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- **Purpose: Mitigate known and unanticipated operational capability shortfalls with new materiel/non-materiel solutions through exercises, innovation, experimentation and fielded prototypes**
- **Membership includes all FVEY partners; S&T Advisors from Components, USFK, USFJ; gov't LNOs and Service Labs**
- **Since last POST:**
  - **Completed incorporation of FVEY partners - ensuring common SA and info sharing/exchange on national and multilateral initiatives**
  - **Supported Theater Covid Response planning**
  - **Established Covid-19 Modeling WG; linked into The Technical Cooperation Program**
  - **Training certification via Pacific Fury 21 Exercise**

**TRUST CAPITAL – You have to build relationships before the crisis. After is too late.**