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# 2016 USAFRICOM Posture Statement Highlights

This collage highlights various aspects of USAFRICOM's posture and operations in 2016, centered around a large map of Africa. The map is color-coded to show main operating areas, areas of influence or transit, foreign fighter movement, criminal networks and illicit trafficking, and the presence of ISIL.

**Legend:**

- Main Operating Areas (Red)
- Areas of Influence or Transit (Pink)
- Foreign Fighter Movement (Yellow dashed lines)
- Criminal Network and Illicit Trafficking (Orange dashed lines)
- ISIL Presence (Black)

**Inset Content:**

- TCP African Partners:** A map of Africa showing various partner nations and their interactions.
- Political Instability and Terrorism Threat Level:** A map of Africa with a color scale indicating threat levels across different regions.
- Internet Penetration Rate:** A map of Africa showing the percentage of the population with internet access.
- AFRICA'S ISLAMIST TERROR:** A map detailing deaths and attacks from groups like Boko Haram, LRA, and Al-Shabaab.
- COALITION MARITIME CAPABILITY:** A map of the African coastlines showing the operational areas of coalition forces.
- Need Based WFI Formula:** A map of Africa with data points related to water infrastructure.
- CCOR Resource Submissions & Synchronization:** A complex grid and map showing resource deployment and synchronization across the continent.
- Other Visuals:** Portraits of military leaders, photos of troops in various environments (desert, urban, maritime), images of humanitarian aid (solar panels, medical supplies), and a "YOU" logo.



# USAFRICOM S&T Focus Areas



## ISR

- Long-Range / Long Endurance, Persistent Collection, Radio Frequency Direction Finding (RFDF), Fused Multi-Int Airborne / Full Motion Video (FMV), Light Detection and Ranging (LIDAR), Foliage Penetration (FOPEN), Coalition / Airborne / Autonomy-enabled Processing, Exploitation, Dissemination (PED), Machine Language Translation



## IDENTITY ACTIVITIES:

- Biometrics, Forensics, Documentation and Media Exploitation (DOMEX), Denial of Anonymity, Repository, Interoperability



## MARITIME DOMAIN AWARENESS:

- Beyond Line-of-Sight, Reporting, Sensor Interoperability, Automated Anomaly Detection, Common Maritime Picture (CMP)



## PERSONNEL RECOVERY:

- Personnel Recovery / Combat Search and Rescue-enablers, Drone-assisted, Modeling & Simulation (M&S).



## COMMUNICATIONS:

- C4ISR for Multi-national / Coalition / Joint Operations, Expeditionary / Scalable "Blackberry to Joint Network Node"



## COUNTER-IED:

- Defeat the Device / Attack the Network / Train the Force-enablers



## MEDICAL:

- Disease Prevention, Immunization, Detection, Diagnosis, Treatment, Biosurveillance, Modeling, Informatics, Telemedicine, Remote / Austere Trauma Medicine



## OPERATIONAL ENERGY:

- Reduced Expeditionary Footprint, Alternative Energy, Waste-to-Energy Disposal, Water Purification, Energy Efficient Housing, Power Distribution, Force Protection

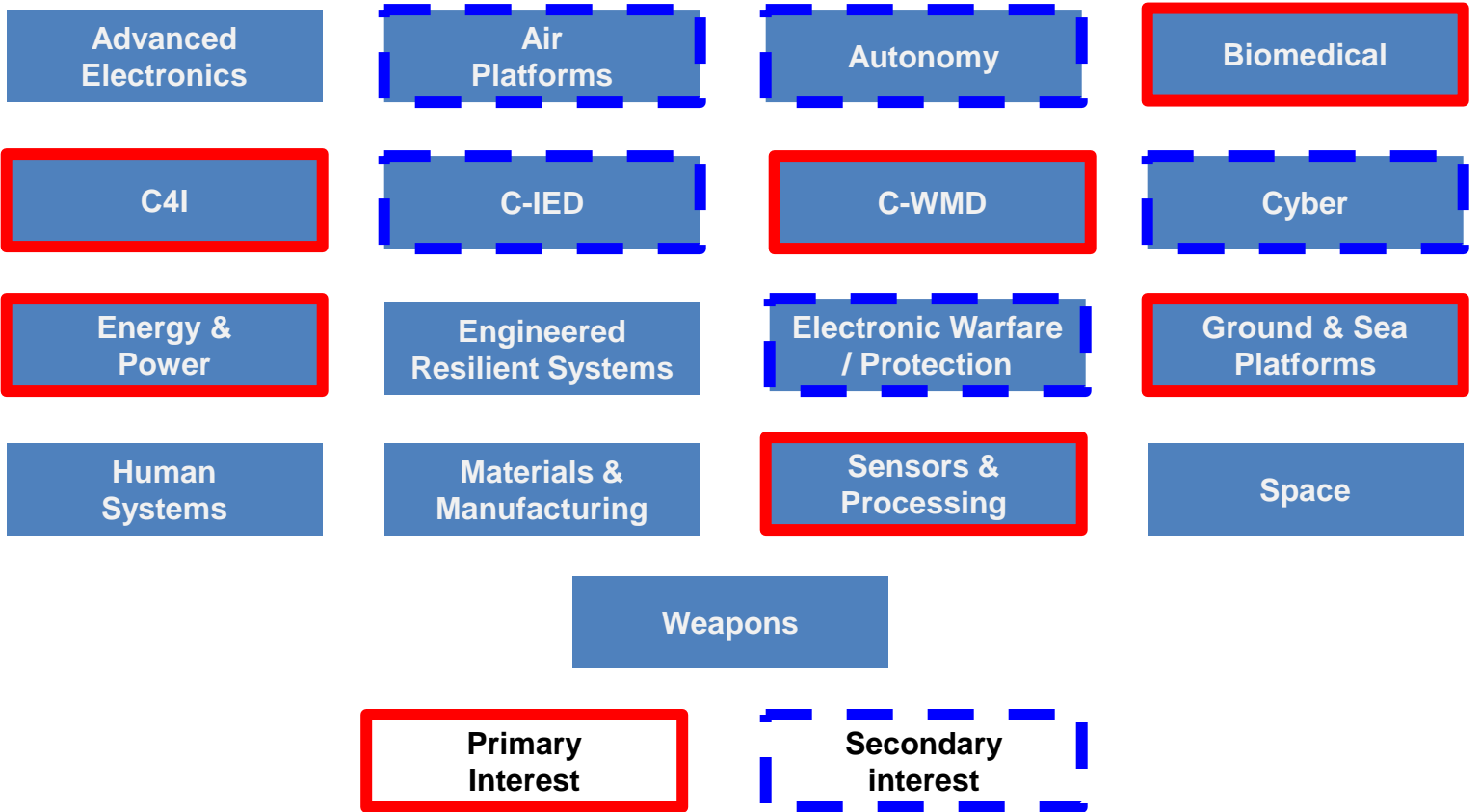


## NON-LETHAL SYSTEMS:

- Mobile Counter-Personnel (Sound, Light, Munition), Counter-Materiel (Vehicle, Vessel, Radio-Frequency), Active Denial



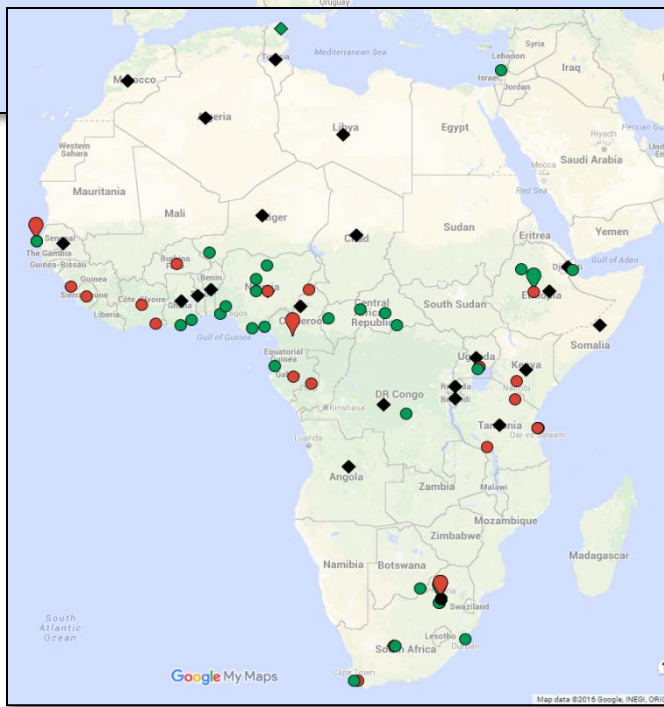
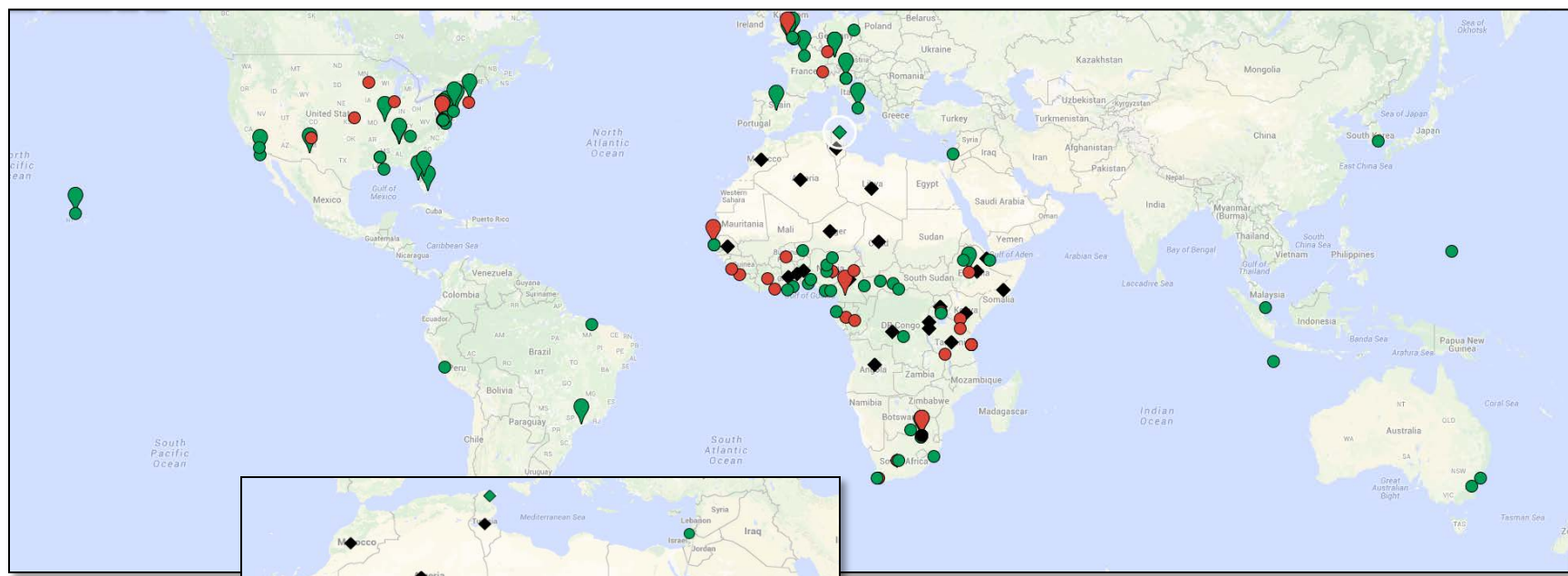
# DoD S&T Communities of Interest (COI)








**17 S&T COIs as relevant to USAFRICOM primary / secondary interests**



# USAFRICOM S&T COP



-  S&T Organization
-  S&T Activity
-  DTRA S&T Organization
-  DTRA S&T Activity
-  TCP LOE



## Focus Areas, Key Take Away, POCs

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- ISR, PR, OE, IDRES, MDA, Comm, Medical, Non-Lethal.
- S&T Office manages USAFRICOM's **novel materiel** solutions process.
- USAFRICOM S&T POCs:

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