Welcome to Command Imperatives and Engineering Priorities

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Speakers:
- LTC Don Nestor, Engineer Branch Chief, AFRICOM
- Col. Bert Keij, Acting ACOS/ Branch Head Plans, NATO Support and Procurement Agency
United States Africa Command

SAME
Europe Region
Engineer Capabilities Workshop

LTC Don Nestor - J441
Engineer Branch Chief
02 MAR 17
Agenda

- USAFRICOM Overview
- Engineering & Construction Equities
- Environmental Engagements
- Africa First Legislation
- Questions
It’s a BIG job!

Engineering & Construction Challenges:
- Tyranny of distance
- HN approval & support
- Lack of infrastructure
- Lack of skilled labor force
- Limited access to localized material
- Dynamic & uncertain security environment
- Corruption

Economy of Force:
- 1 Forward Operating Site – Camp Lemonnier, Djibouti
- ~40 Cooperative Security or Contingency Locations
  - Small locations / many not permanently manned
  - Expeditionary and Austere Conditions
**Engineer & Construction Equities**

### FY16/17 Construction Program

<table>
<thead>
<tr>
<th>Category</th>
<th>FY16</th>
<th>FY17 ~ Comparable to FY16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operations &amp; Maintenance</td>
<td>(31/$55.9M)</td>
<td></td>
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<tr>
<td>MILCON</td>
<td>(2/$93.7M)</td>
<td>(3/$47.9M)</td>
</tr>
<tr>
<td>Exercise Related Construction</td>
<td>(4/$1.4M)</td>
<td>(3/$1.8M)</td>
</tr>
<tr>
<td>Humanitarian Assistance</td>
<td>(12/$3.9M)</td>
<td>(13/$4.5M)</td>
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<tr>
<td>Humanitarian Civic Assistance</td>
<td>(5/$798K)</td>
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</tr>
<tr>
<td>Counter Terrorism Partnership Fund (CTPF)</td>
<td>(2/$6.8M)</td>
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<tr>
<td>Counter Narcotics</td>
<td>(7/$4.5M)</td>
<td>(2/$0.7M)</td>
</tr>
<tr>
<td>Africa Peacekeeping Rapid Response Partnership</td>
<td>(1/$500K)</td>
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</tr>
<tr>
<td>Global Peacekeeping Operations Initiative</td>
<td>(5/$2.25M)</td>
<td></td>
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<tr>
<td>Defense Threat Reduction Agency</td>
<td>(2/$15.8M)</td>
<td></td>
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<tr>
<td>President's Emergency Plan for AIDS Relief</td>
<td>(23/$3.6M)</td>
<td>(22/$5M)</td>
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</table>

*Construction is a force multiplier*

**“Engineering Big Rocks”**

- Rhino Book
- CL/CSL Infrastructure Inventories
- ACIs:
  - Operational Energy
  - Exercise Related Construction
- Engineer CoP
- Congressional Construction Report
- Engineer Workshop
- Posture Locations

**“Military Construction Focus”**

- Camp Lemmonier

FY 16: 102 Projects ~ $190M
FY 17: TBD ~ Comparable to FY 16
## FY17 Environmental Engagements

**Defense Environmental International Cooperation (DEIC)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Location</th>
<th>QTR</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil Spill Preparedness</td>
<td>Nigeria</td>
<td>2nd</td>
<td>Planning w/ UNEP/USGS</td>
</tr>
<tr>
<td>Horn of Africa Water Capacity Building</td>
<td>Uganda</td>
<td>4th</td>
<td>EXWC Execution</td>
</tr>
<tr>
<td>Wildlife Trafficking</td>
<td>Mozambique</td>
<td>3rd</td>
<td>Embassy Execution</td>
</tr>
<tr>
<td>Coastal Resiliency</td>
<td>Cote d’Iviore</td>
<td>2nd</td>
<td>NAVFAC Execution</td>
</tr>
<tr>
<td>Environmental Security</td>
<td>Djibouti</td>
<td>4th</td>
<td>CLDJ Execution</td>
</tr>
<tr>
<td>Oil Spill Preparedness</td>
<td>Seychelles</td>
<td>3rd</td>
<td>Embassy Execution</td>
</tr>
<tr>
<td>Integrated Training Area Management</td>
<td>South Africa</td>
<td>4th</td>
<td>DEFCOM</td>
</tr>
</tbody>
</table>
Africa First Initiative

- Currently under development

- Our African partners are key strategic partners and allies in Africa, essential to U.S. operations

- Follow on to Djibouti First

- Provides enhanced authority to acquire goods and services in support of U.S. Operations in Africa through limiting competition to or providing a price preference for products and/or services of Host Nations

- Participation Opportunities:
  - Embassy will determine qualifying companies based on local presence, local tones, & local employment
"If you want to go quickly, go alone. But, if you want to go far, go together."

- African Proverb

Questions?
SHAPE JENG Div
current priorities/Challenges
Introduction

- NATO, SHAPE & JENG Div
- Collective Defense/SACEUR’s AOR
- What to prepare
- Goals and challenges
- Closing remarks
NCS and NATO

28 Nation agreed on collective defense (not unique) and a standing command structure (unique)
JENG Division SHAPE

JENG Division

MILENG Strategic Planning orientated

Real world issues

Integrate MILENG in NATO’s comprehensive response to evolving and ongoing security situations.

Develop and maintain infrastructure and Civil Engineering Expertise to support NATO’s response to security situations and to support alignment of capabilities in a changing security environment.

Anticipated/ Future issues

Develop MILENG capabilities aligned with other NATO capabilities to address future risks and challenges in a changing security environment.

Specialized expertise

NPRD Support
Collective Defense

- Main purpose: Deterrence, Defend/restore when needed
- NFS executes, NCS directs and coordinates
- Resilience, Preparedness, Readiness, Responsiveness and Ability to Sustain

- Strat level model
  - Forces available
  - Plans prepared
  - Environment prepared
What is the issue

How to get them in position

A2AD

How to use them
What is the issue

How to get them in position

A2AD

How to use them
Closing remarks

- Slow progress
- A lot has changed in 2 years
- Old out, new in (thoughts)
- No choice
- Information/awareness
- To much force orientated
- Active
Questions?