

Opening Keynote



The Honorable Robert M. Speer
Former Acting Secretary of the
U.S. Army



THE NEXT GENERATION OF FEDERAL FINANCIAL MANAGEMENT

THE FUTURE OF GOVERNMENT INNOVATION

11 December 2018



America's Game Army Beats Navy

AGAIN!



CSA Mark Miley

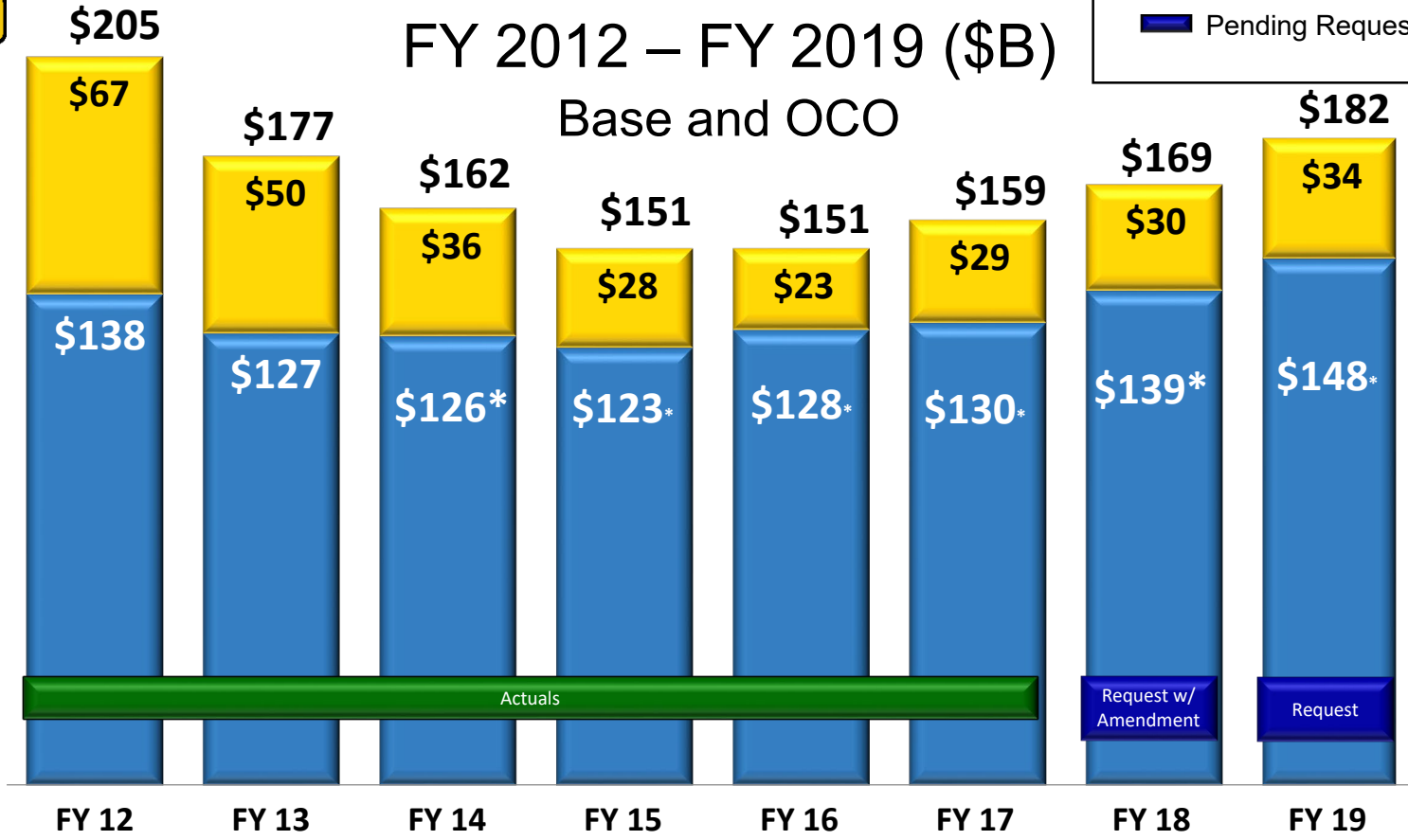
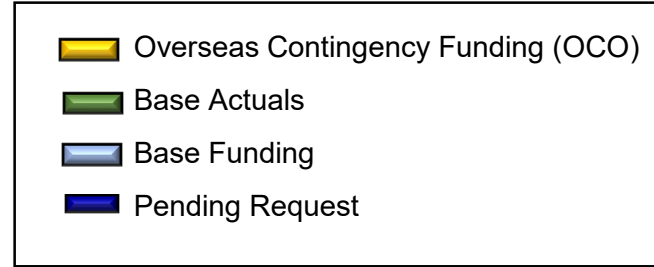
39th Chief of Staff of the Army





Budget Trends

FY 2012 – FY 2019 (\$B)



* Includes OCO for Base purposes

FY14: \$3.1B OCO for Base Transfer
 FY15: \$0.85B OCO for Base Transfer
 FY16: \$2.7B OCO for Base Transfer
 FY17: \$6.0B OCO for Base Transfer
 FY18: \$0.2B OCO for Base Transfer
 FY19: \$5.0B OCO for Base Transfer

The FY 2019 Budget Builds upon the Readiness Improvements Started in FY 2017



Compete, Deter, and Win:

Building a more Lethal, Agile, and Capable Army

Where we are

- **Deployed and Committed: 186K**
- **In more than 140 countries**
- **Across 6 continents**
- **Army SOF: 4K deployed in 80 countries**
- **Worldwide Support to CT Operations**

Today's Environment

- **Long-term strategic competition with revisionist powers**
- **Rogue regimes destabilize regions and seek WMD capability.**
- **Terrorists and malicious non-state actors cause global disruption**
- **Rapid technological advancements are changing the character of war**

Strategic Approach

- **Build Readiness for major combat operations**
- **Modernize key capabilities**
- **Establish force posture to deter and provide strategic flexibility**
- **Deepen Joint and Allied Interoperability**
- ***Reform Institutional Processes for greater performance.***

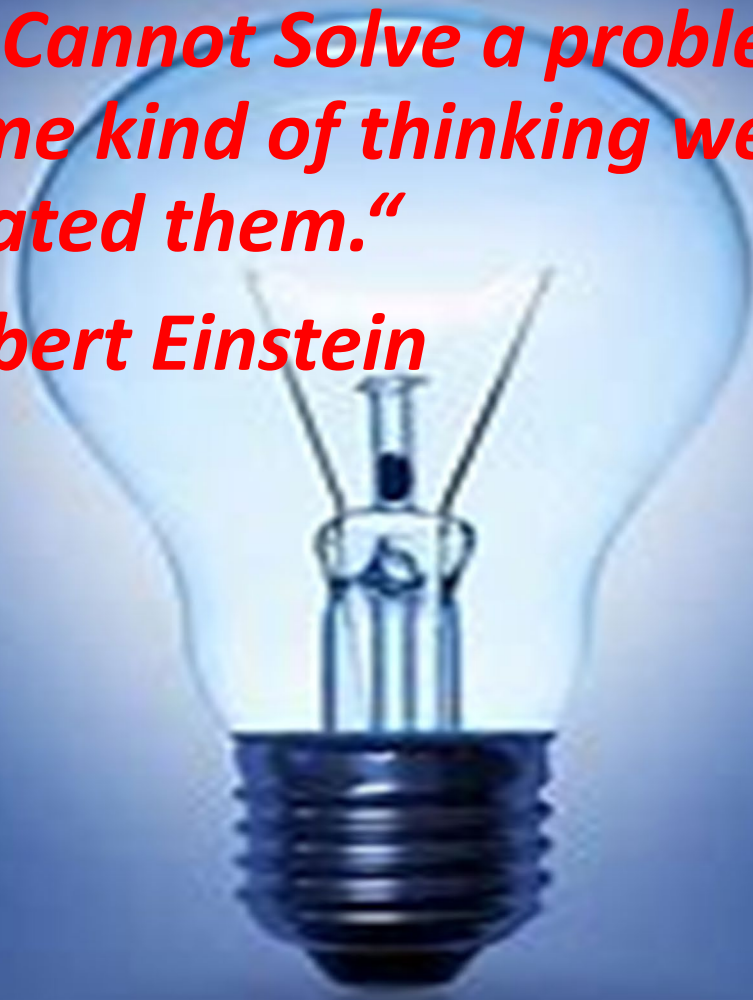
To address the current threats, the Army must restore warfighting readiness, modernize capabilities, and ***reform our institutional processes to innovate faster than near-peer adversaries*** with global ambitions.

Globally Engaged and Responsive

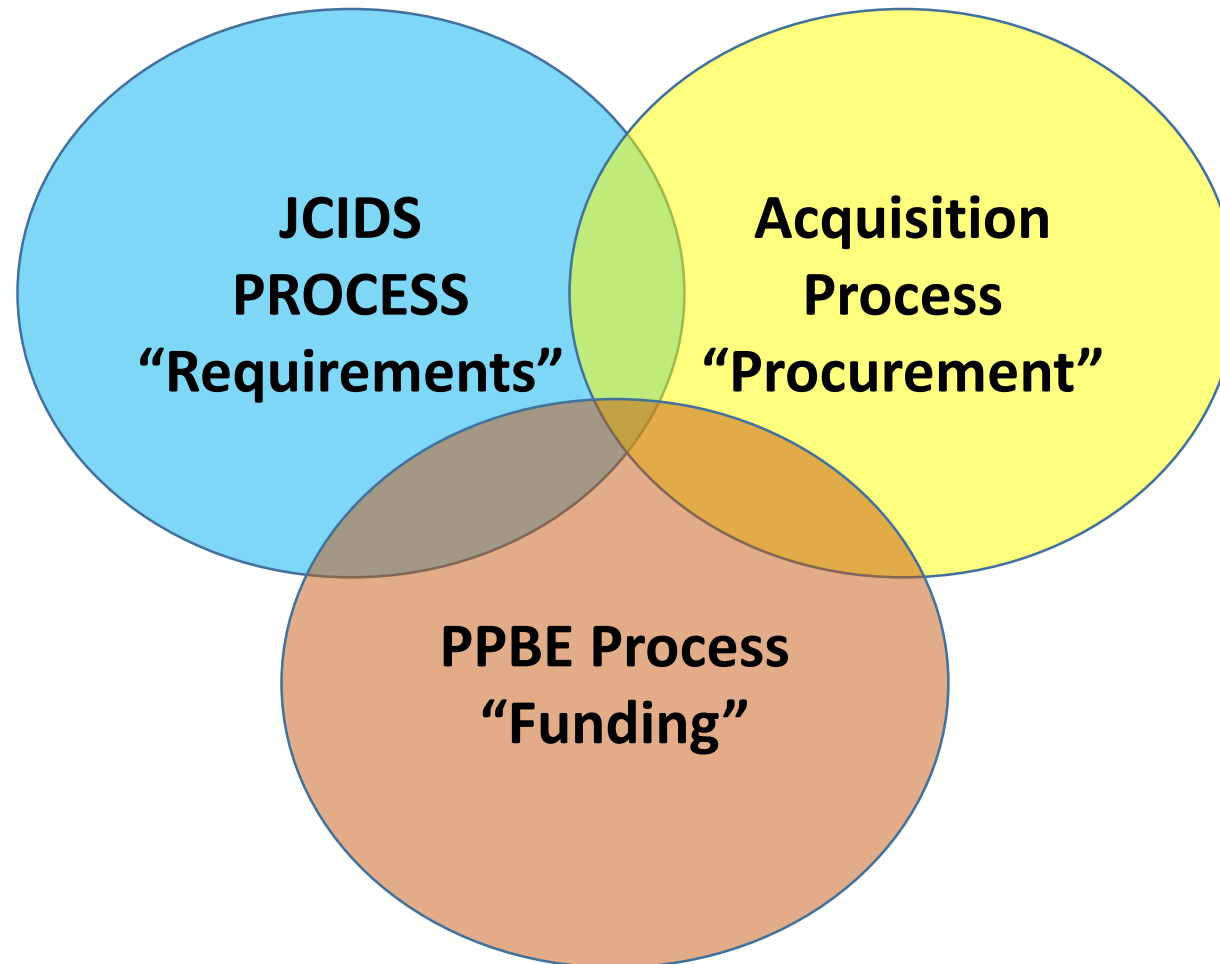


***“We Cannot Solve a problem by using
the same kind of thinking we used when
we created them.”***

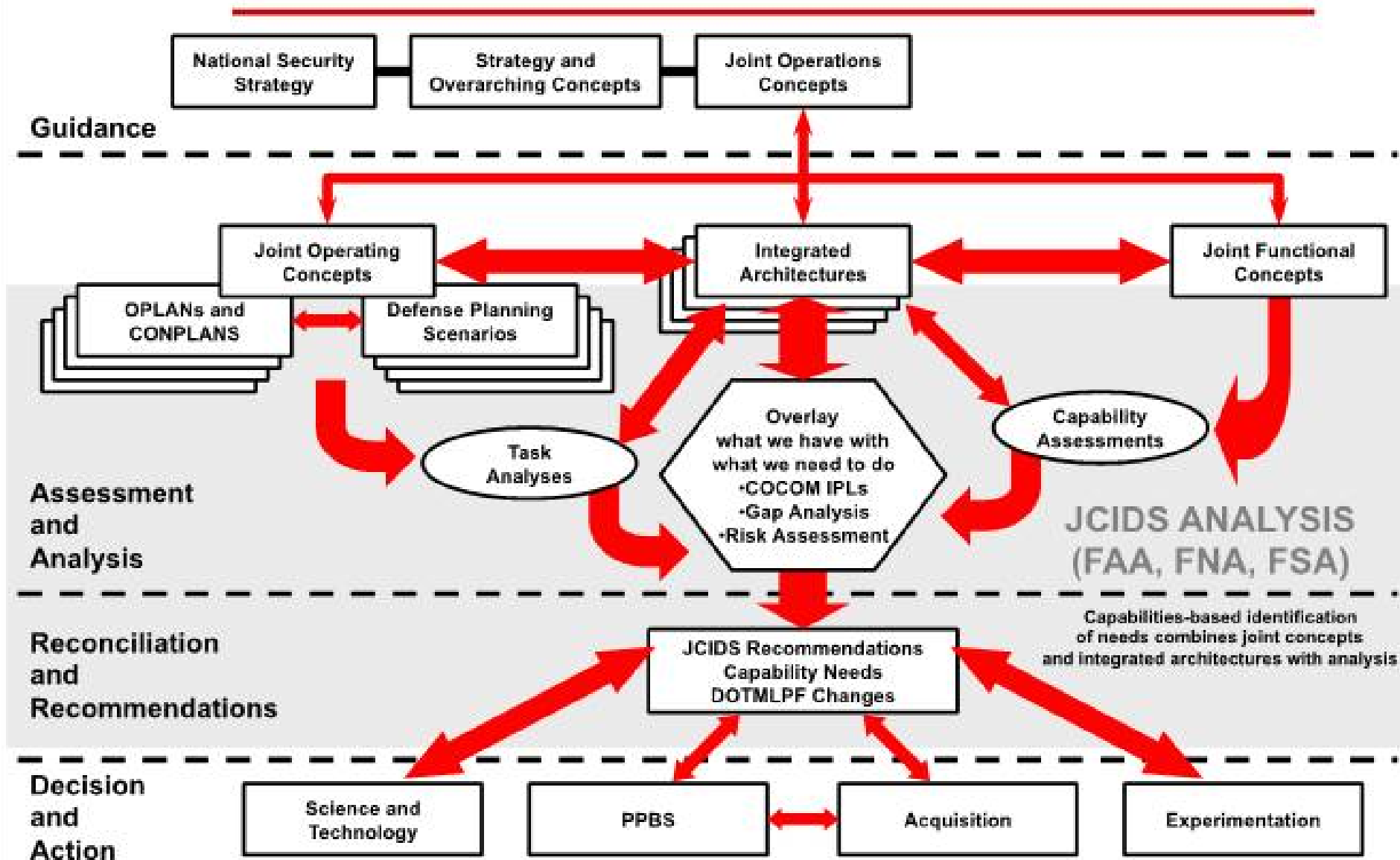
- Albert Einstein



Defense's Three Core Institutional Processes

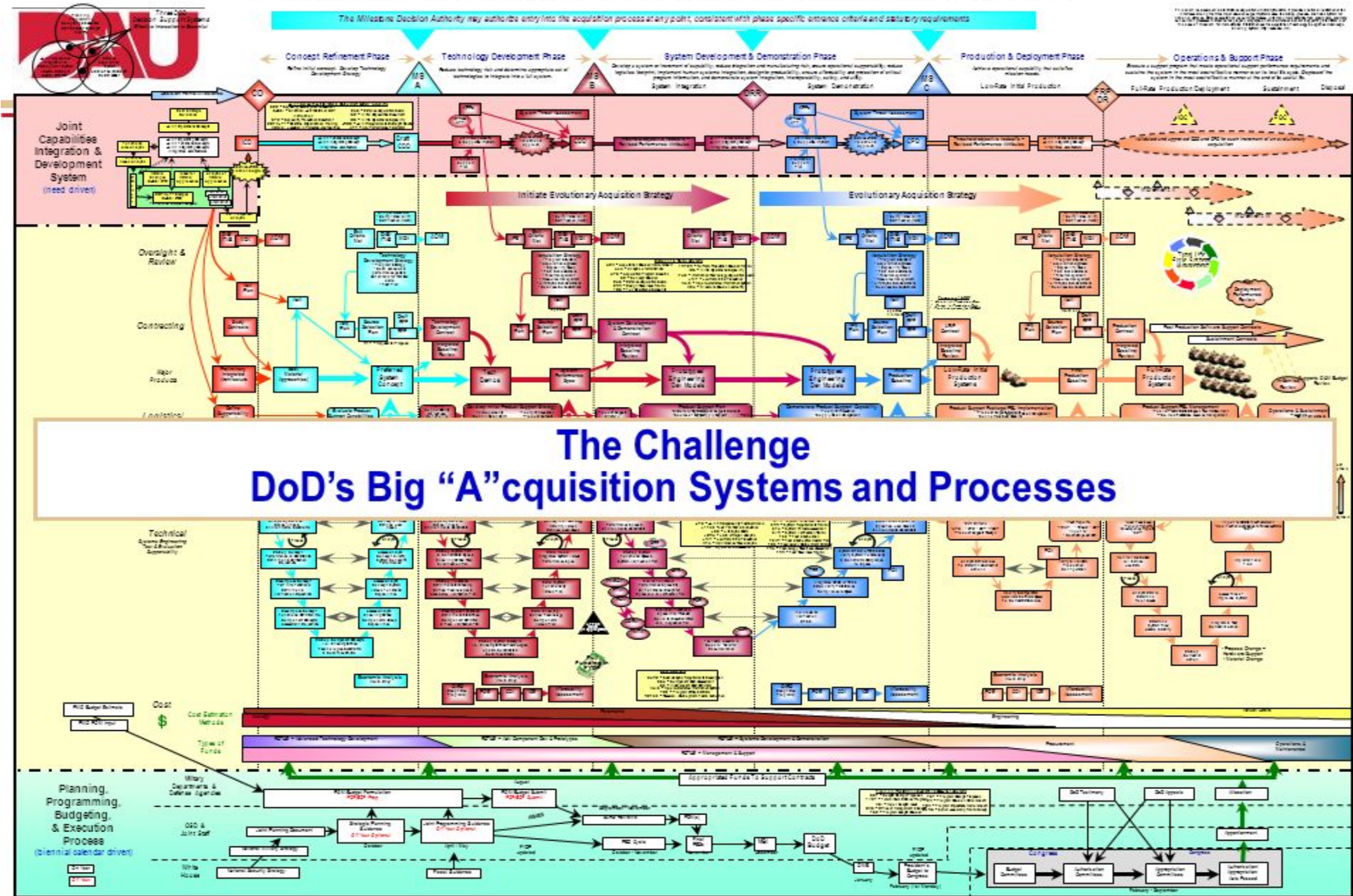


JCIDS Process



Integrated Defense Acquisition, Technology, & Logistics Life Cycle Management Framework

Draft ver. 0.7, May 21, 2004





PPBE Process



THE ART OF DISTRIBUTING RESOURCES EQUITABLY

FM Innovation goes beyond Technology

Doctrine – How & what, when – policy and procedure

Organization – How structured, numbers, mix, etc.

Training – Tell, demonstrate, perform

Materiel - Hardware, software, equipment

Leadership – Development, experience

Personnel - Skills, attributes, #'s

Facilities - Where they operate

Underlying is Culture and Change Management Across DOTML-PF

Capabilities and Opportunities



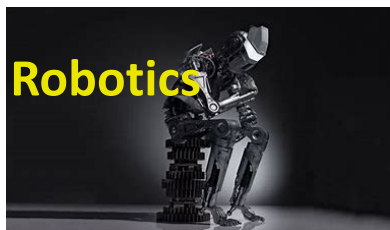
Machine Learning



Miniaturization



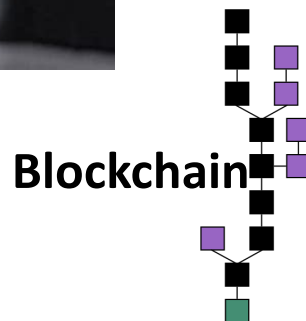
Additive Manufacturing



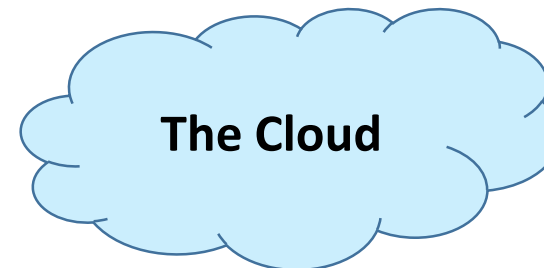
Robotics



Autonomous systems

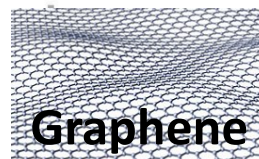


Blockchain



The Cloud

Internet of things Edge Computing



Graphene

Big Data
– Data Analytics

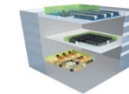
Local Device



Localized Data Center



Regional Small and
Medium Data Center





**THE NEXT
GENERATION OF
FEDERAL
FINANCIAL
MANAGEMENT**

THE FUTURE OF GOVERNMENT INNOVATION

***“Innovation is not the result of chance,
it’s the result of action.***

***It’s NOT a thing to wait for. It’s a thing
to do.”***

- Phil McKinney

Backups

The Great Horse Manure Crisis of 1894



Revolution in Military Affairs(RMA): 10 biggest defense program failures of the RMA era, totaling nearly \$53 Billion with zero production units.