

Air Force Materiel Command

Developing, Fielding, and Sustaining America's Aerospace Force



U.S. AIR FORCE

How Can the Community Increase the Effectiveness of M&S in Support of Acquisition?

**Dr. Ed Kraft
AEDC/CZ**

Integrity - Service - Excellence



Summary



- The DoD is facing a critical challenge to improve acquisition in an era of reduced budgets
- M&S can be an enabler for offsetting budget reductions and improving acquisition outcome
- **Challenges**
 - **Technologies are attainable, but will require focused efforts to validate and implement**
 - **Process changes to use new technologies and increased discipline at key decision points very challenging**
 - **Process and data/model ownership critical to success – will require collaborative government and industry approach**
- **NDIA Members represent key industry process owners – need to collaborate with government to help lead acquisition process changes**

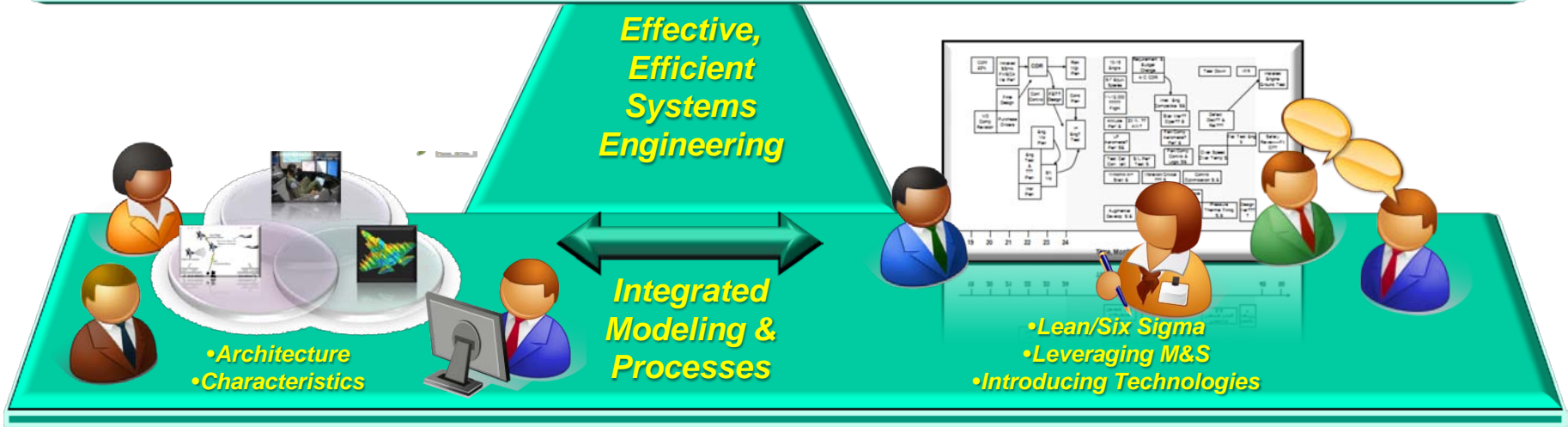
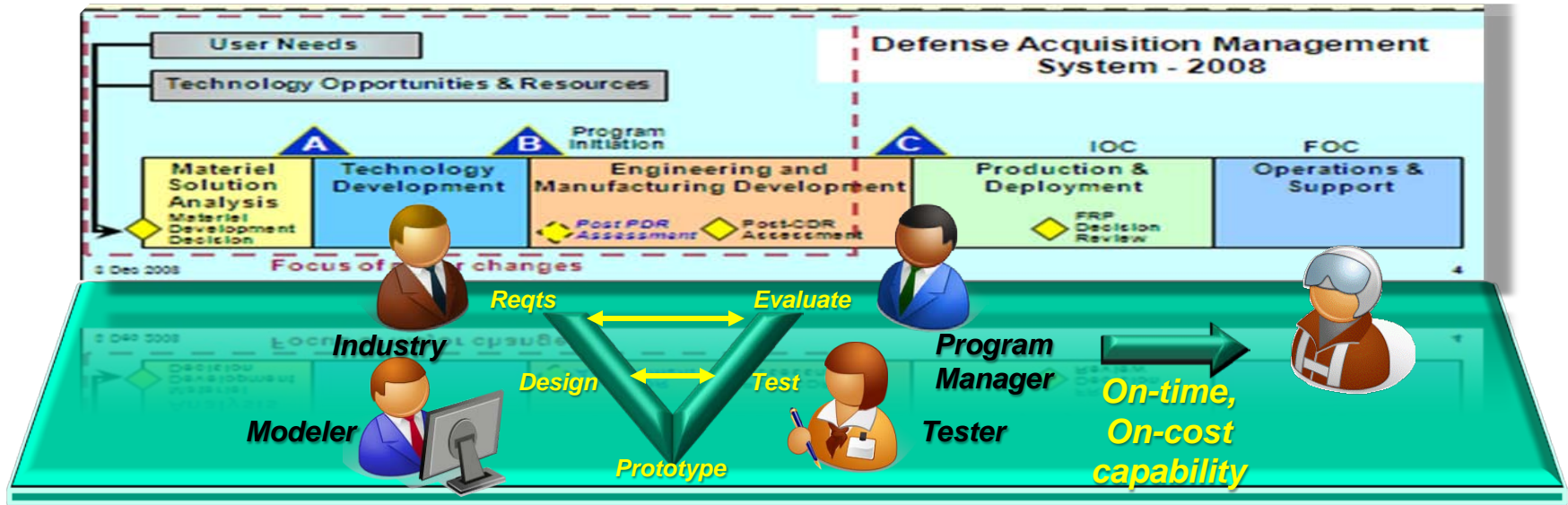


One Course of Action





Or a Different Approach?



Sustainable Industry/Government Consortium



Moving Ahead



- **Forums?**
 - NDIA
 - SE 2020 / Engineering Resilient Systems
 - Acquisition Community – ATL, Service Chains
- **WIFM?**
 - Taxpayer – strong defense in declining budget
 - Warfighter – capability on time and cost
 - Acquisition Community – revitalized, effective processes producing more outcome per dollar
 - Industry – More program opportunities for fixed top line DoD budgets, shorter time to market
 - M&S and T&E Communities – Quantifiable value proposition, sustainability