

Generating Combat Power Across the Continuum of Operations

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Combat Vehicles Division

Objective

The primary objectives of the Combat Vehicles Division of NDIA are to:

- Enhance the security of the United States by promoting communications and interaction between defense industry and government in the area of combat vehicle activities.**
- Serve as an effective communications vehicle for the exchange of views and information between government and industry on matters of common concern.**
- Foster mutual understanding and effective working relationships between government and industry in order to achieve a sound body of government policy and procedures which will serve both the security objectives of the United States as well as the commercial interests of its industry.**
- Provide government with industry advice on government policies, practices and procedures and industry's needs and problems within the Divisions purview.**
- Promote natural exchanges between the Defense Department, government agencies and industry, of information relating to the design, development, acquisition and support of vehicles and vehicle systems employed in land and amphibious military operations.**



⁷~~1996~~ Combat Vehicles Conference Symposium Overview



The reality of **reduced military spending** continues to be felt throughout the combat vehicle community, particularly as the orientation from the possibility of a major war in Europe to that of response to **multiple and varied contingencies** becomes more clearly focused. Major programs, force size, the relative mix of active and reserve components, and **operating tempo** are all affected. Meanwhile, the Army is moving toward its **Force XXI** posture. This conference will focus on the impact of Force XXI on the combat vehicle community with concentration on the key elements of mobility, lethality and survivability.

Heard Here—26 Oct 99

Full Spectrum Threat

Forces

- Paramilitary forces
- Special Police
- Terrorists
- Militia
- Motorized Infantry
- Mechanized Forces



Potential to
Escalate into
MTW

Tactics

- Unconventional, terrorist and guerrilla operations
- Use of sanctuaries
- Dispersed, decentralized, distributed operations
- High-tempo, limited duration combat
- Sophisticated ambushes
- Exploit constraints of US cultural biases

Equipment

- Small arms
- Automatic arms
- ATGMs
- Light-, Medium Armored Vehicles
- Early Gen Tanks
- Mortars
- Mines
- Info technology
- Night Vision
- WMD
- “Black Eagle”

Major Theater War Risk remains and is enhanced even as SSCs become more frequent and challenging

Terrain Varies

Open & Rolling

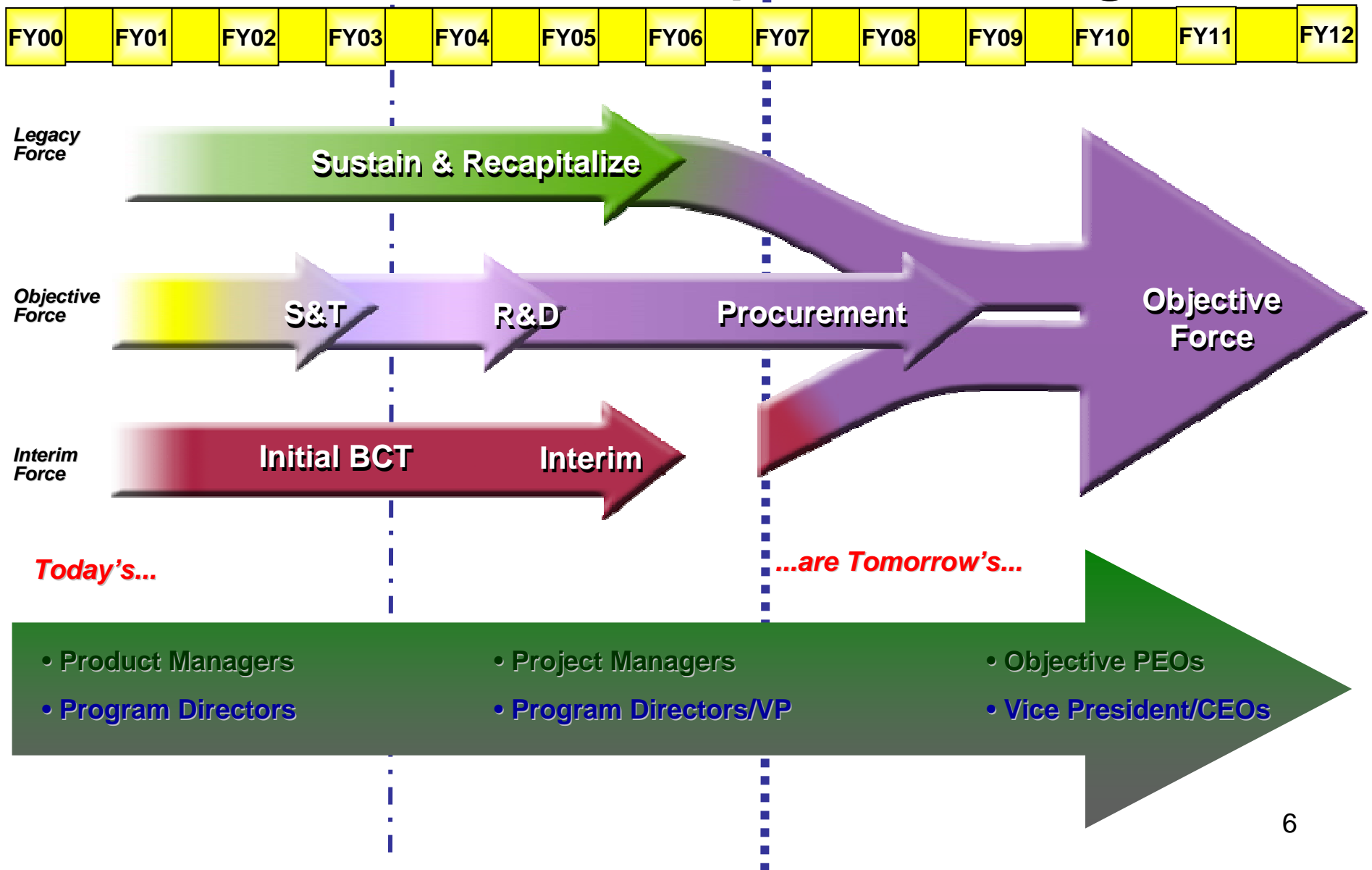
Complex



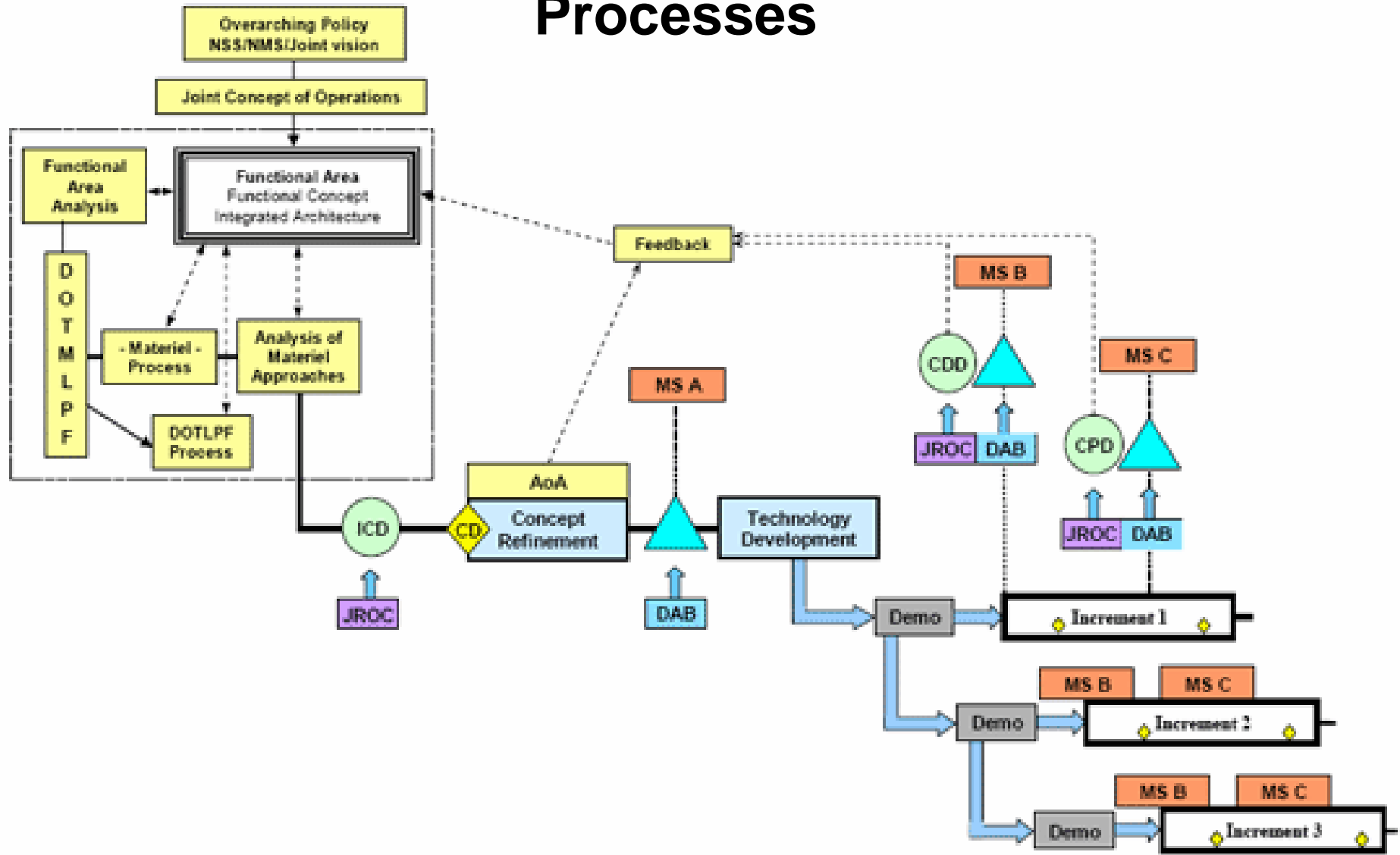
Urban



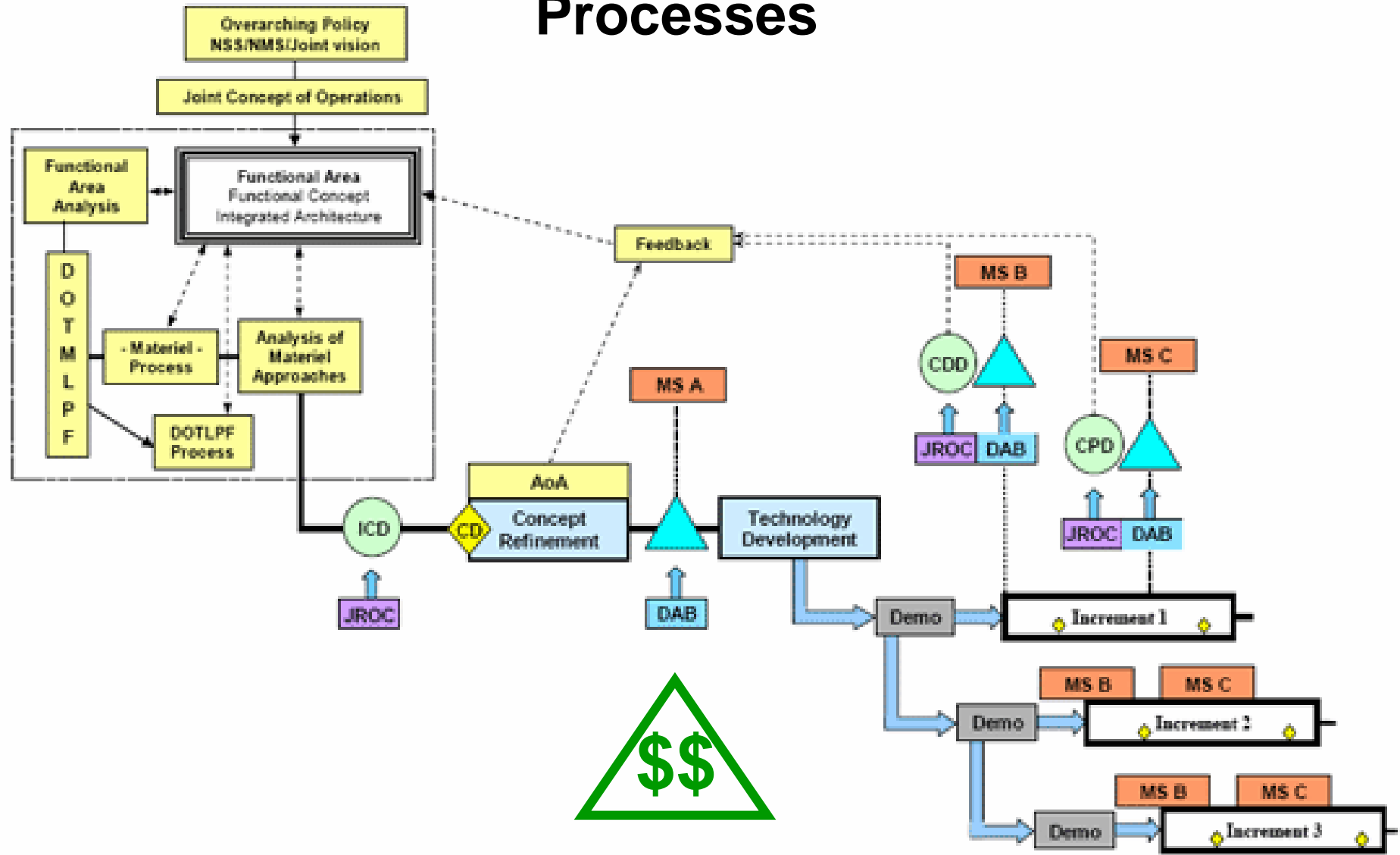
Our Leadership Challenge



Evolutionary Requirements and Acquisition Processes

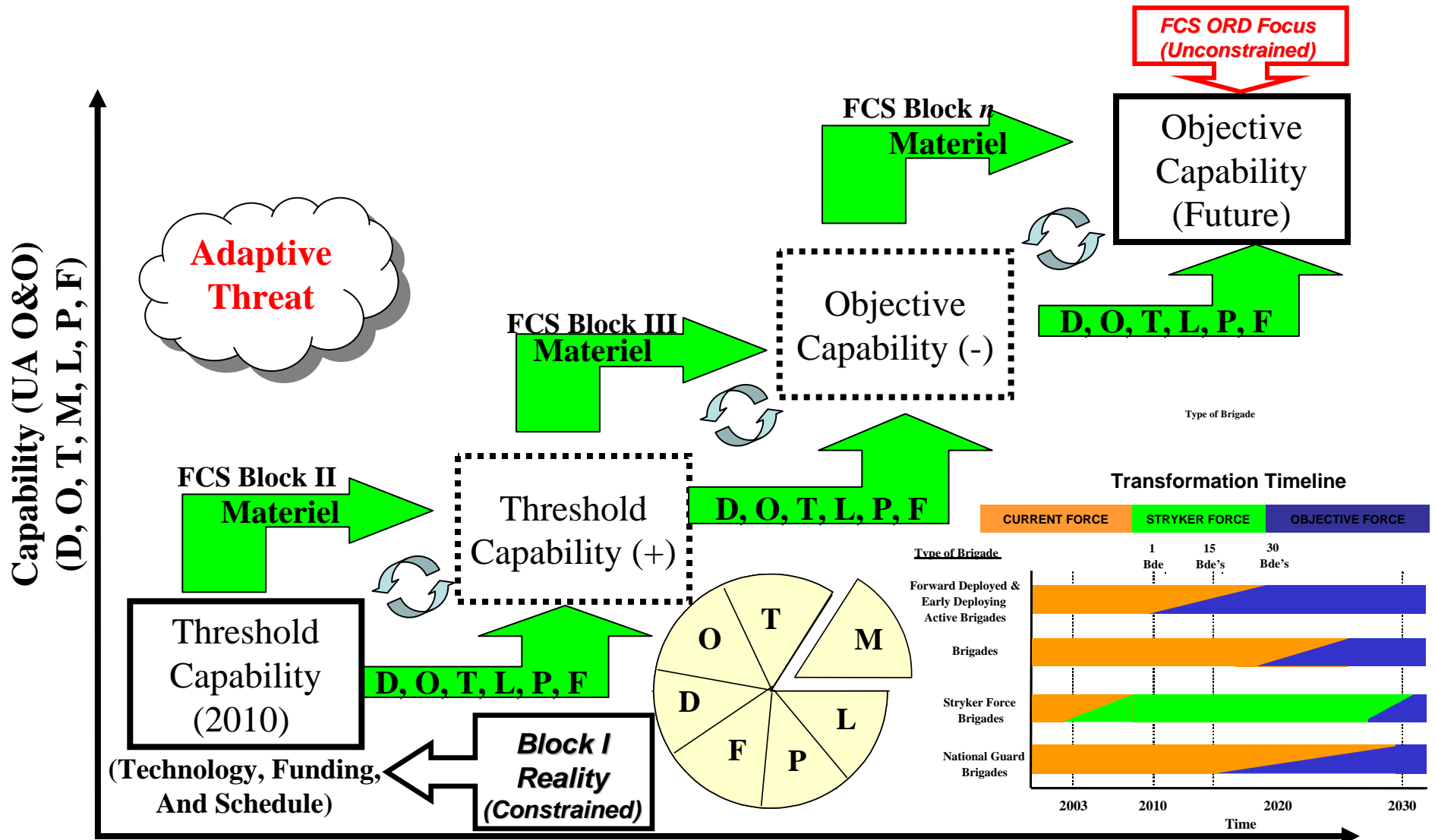


Evolutionary Requirements and Acquisition Processes



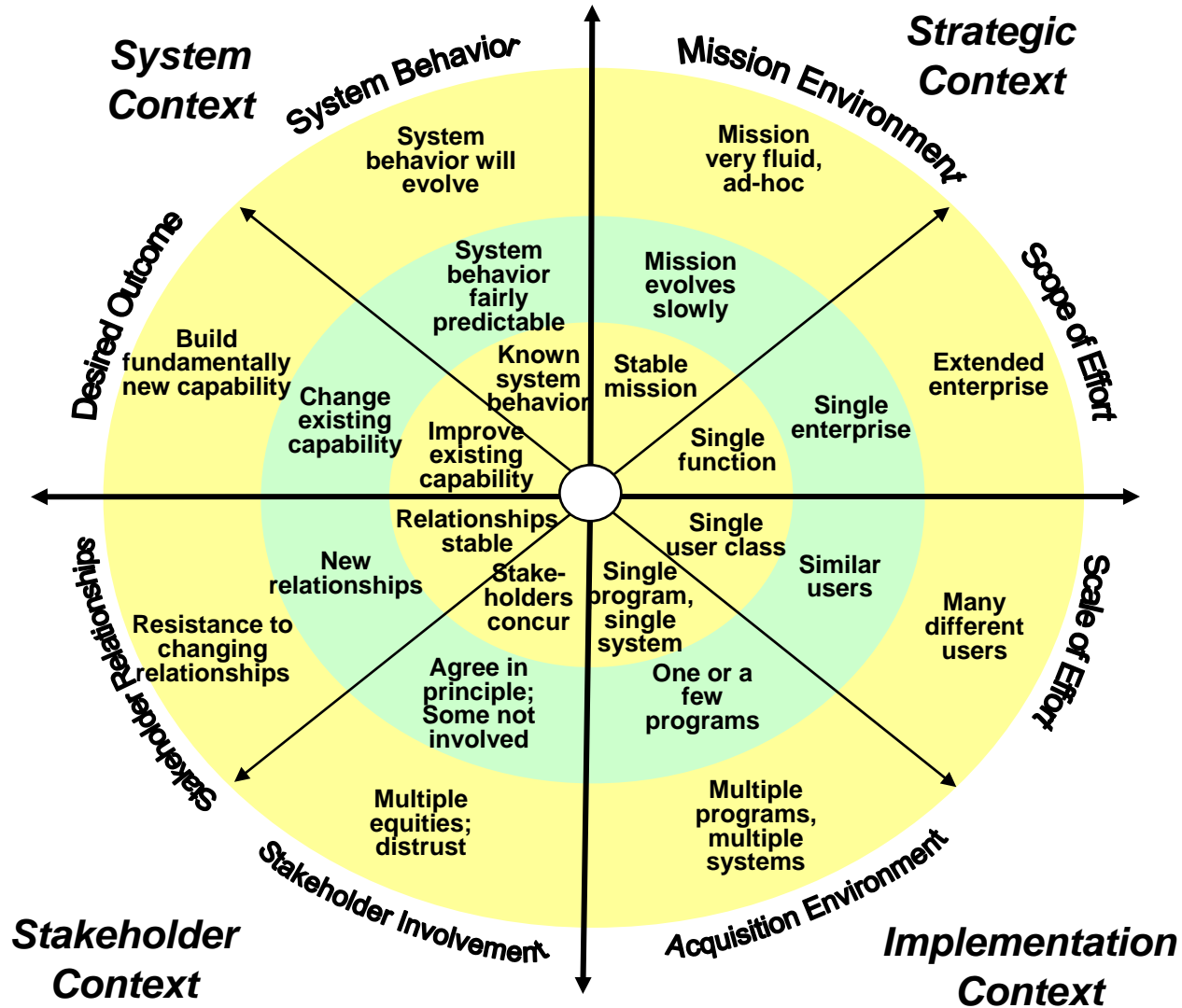
Unit of Action and Evolutionary Acquisition

USD(ATL) Memo, 12 Apr 02, Evolutionary Acquisition and Spiral Development



Field FCS-Equipped Units of Action With Threshold Objective Force Capability by the End of the Decade

Emerging Framework



WORK IN PROGRESS

Things to Take Away...

- Areas of operation are **HUGE**
- Rock-Paper-Scissors
- Train Like You Fight
- Complement ROE with Materiel Solutions
- Agility, not Flexibility
- Lethargic Process; Long Horizons
- Push the COP Both Ways
- PM Must Help You Fit in ARFORGEN
- Kudo to Col Micucci

Don't Forget to Vote

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