

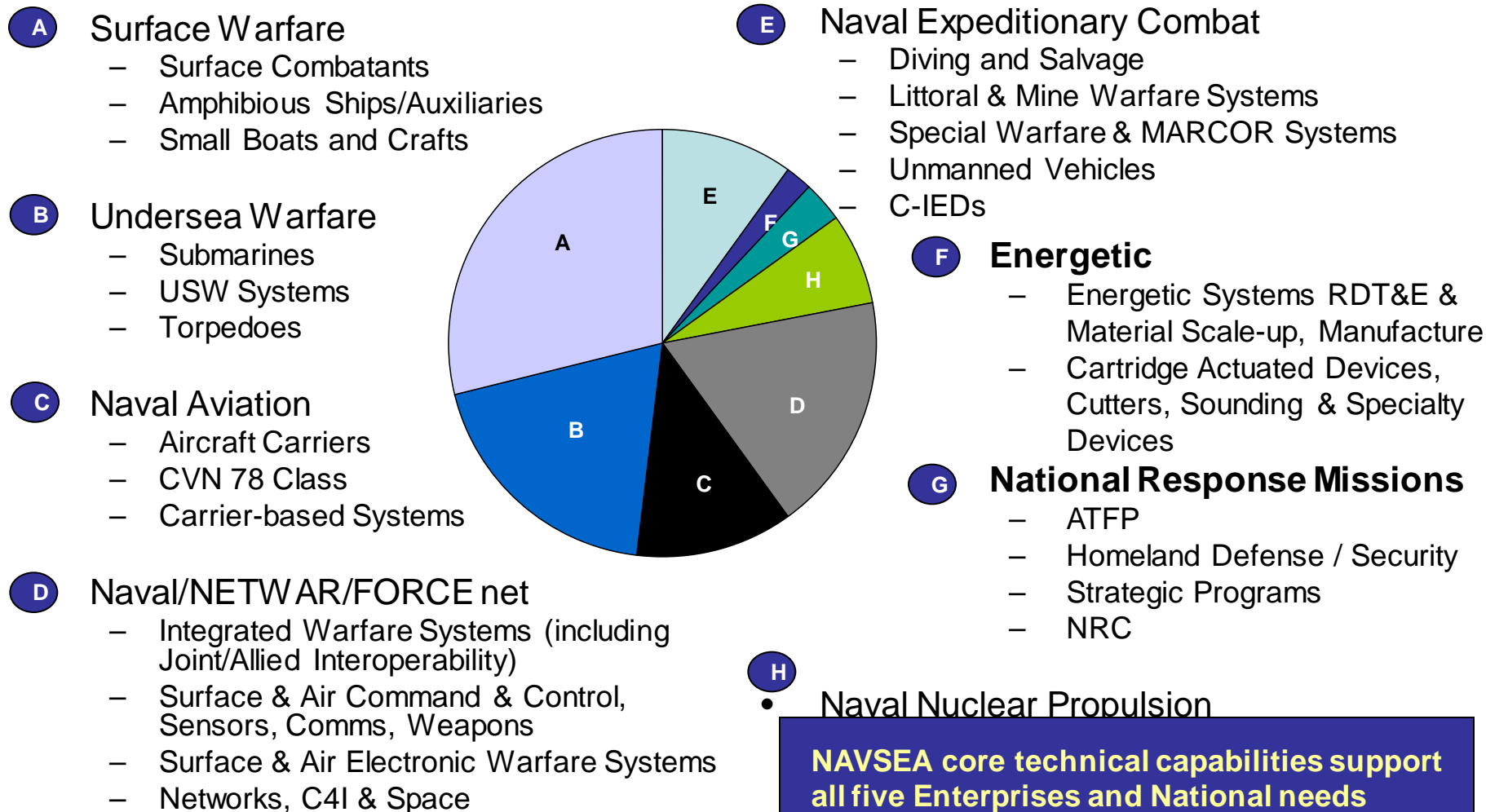


Thinking Outside of the Hull

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2012 NDIA Expeditionary Warfare Conference
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NAVSEA core technical capabilities support all five Enterprises and National needs

Shown is a percentage of FY 08 dollars executed

NAVSEA Key Success Factors

War-Fighter
Focus

Innovation

Talent

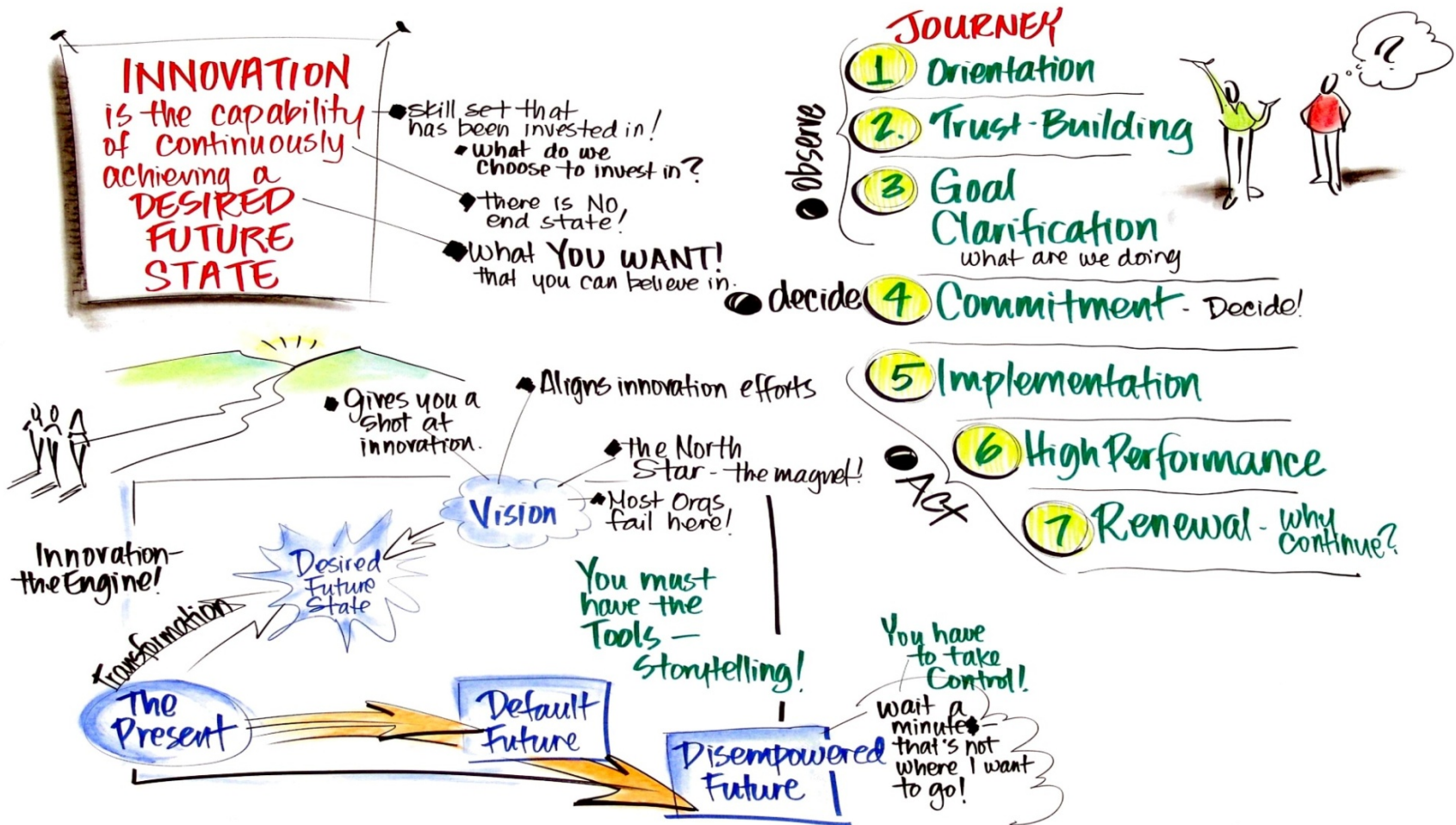
Stewardship

Technical
Excellence

Lean
Thinking

Execution
Excellence

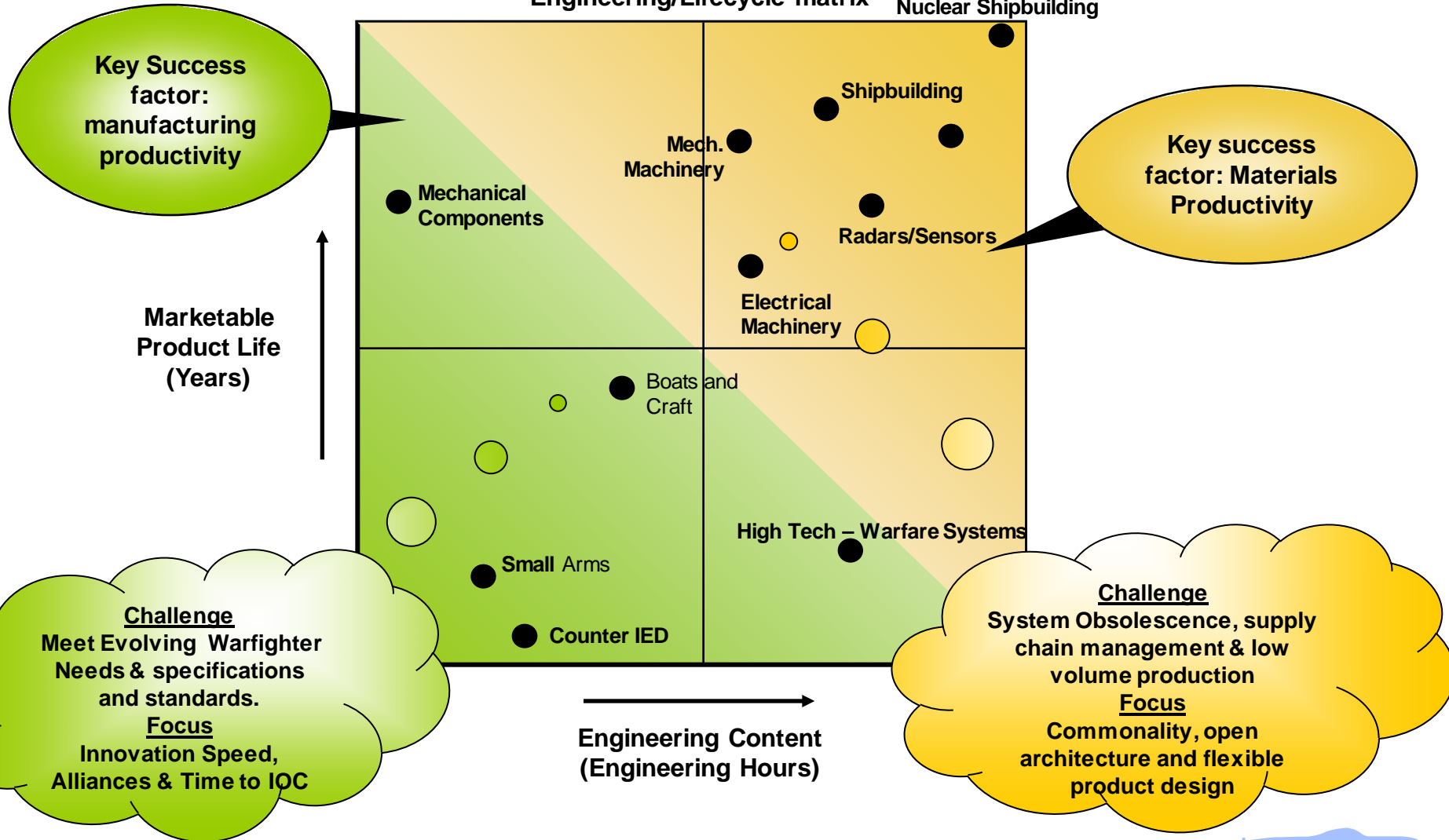
Key Success Factor: Innovation



Innovation Leadership: Developing the ability for an organization and its people to adapt to waves of disruptive change brought on by new business models, demographic and geopolitical shifts, and by new and emerging technologies.

Key Success Factor: Technical Excellence

Engineering/Lifecycle matrix Nuclear Shipbuilding



What Does That Mean for Expeditionary Warfare??

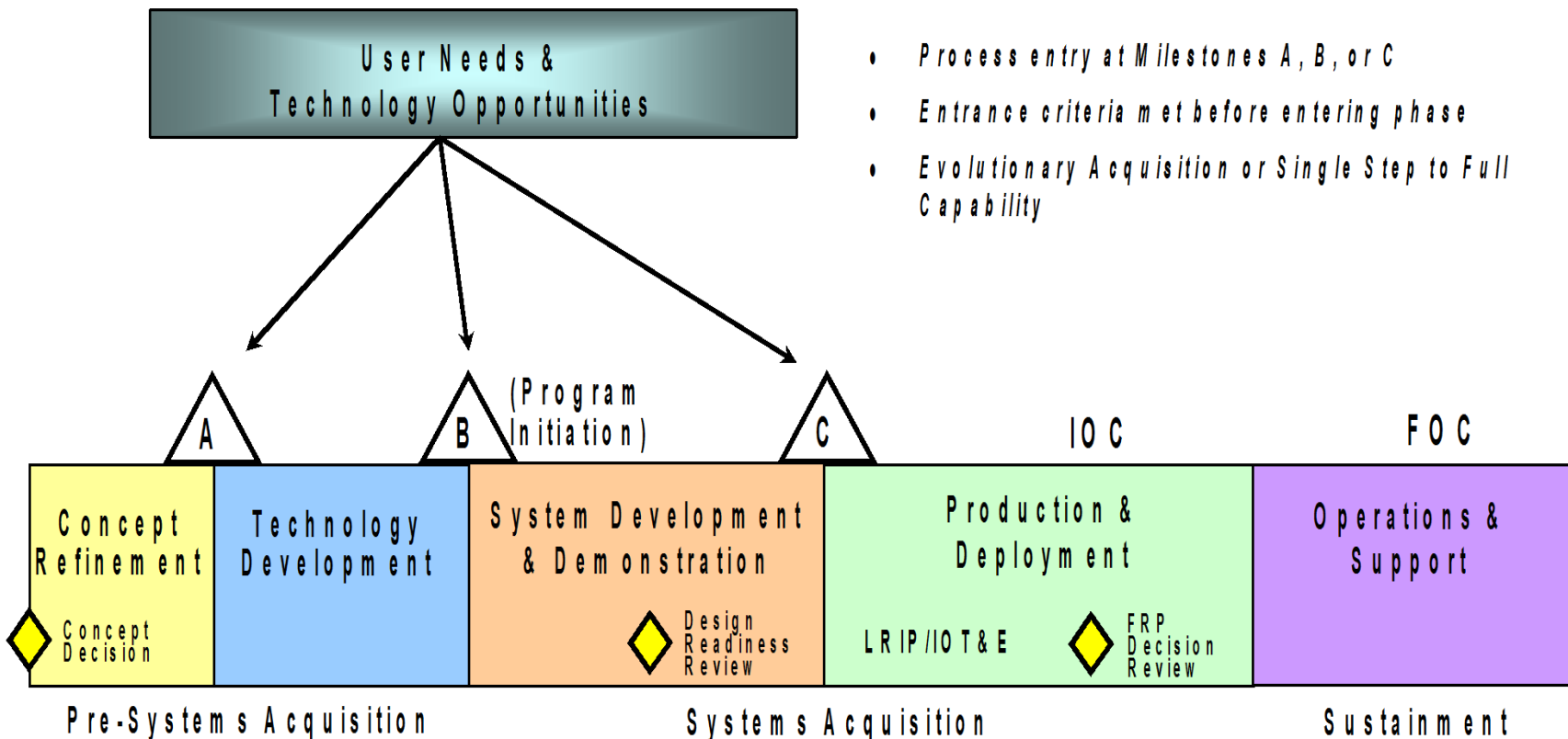
- Agile
- Reliable
- Lethal
- Durable
- Light
- Ease of Use
- Repairable

Product versus Process: What is Good Enough?

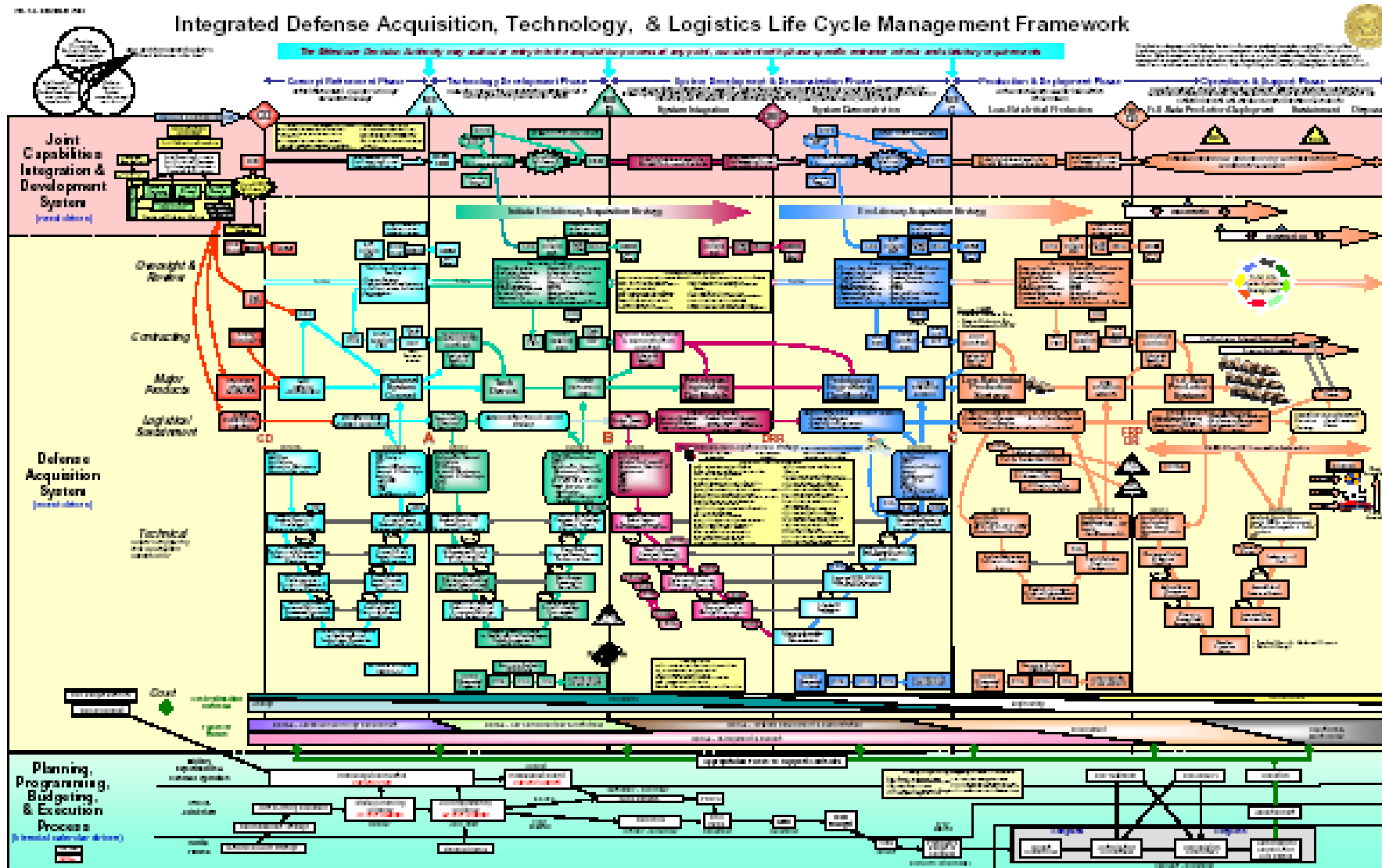
Do We Understand the Environment?



DoD Acquisition Process Life Cycle

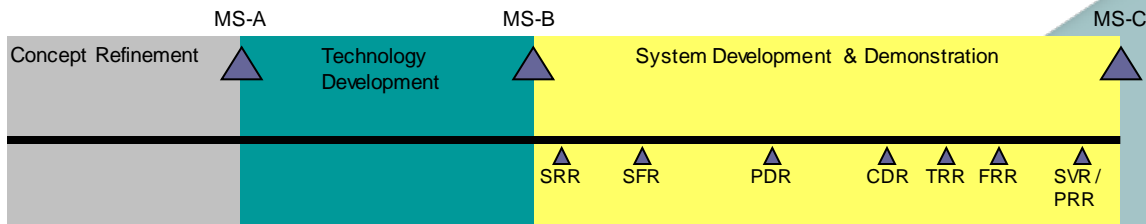


- DoD Instruction 5000.2 (2003)



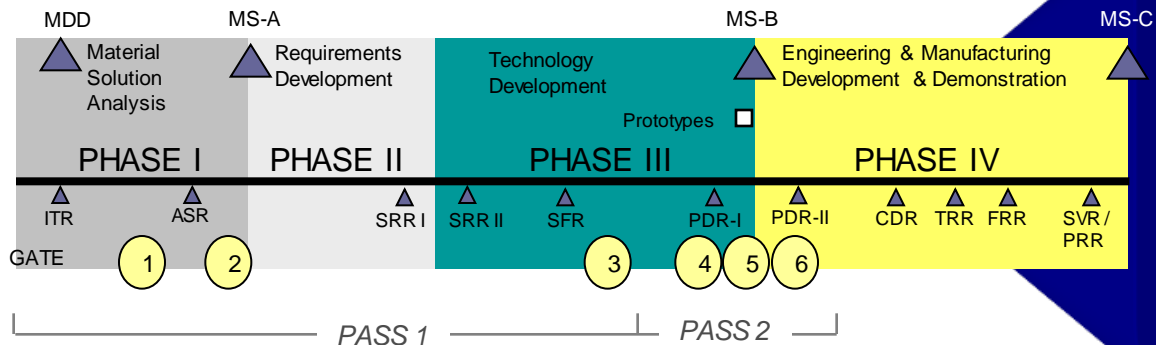
IMPROVED SYSTEM ENGINEERING PROCESS

AS IS



- ENTER MS-B WITH AN IMMATURE SYSTEM SPECIFICATION
- RESULTS IN LESS INFORMED MILESTONE DECISIONS
- FOSTERS POORLY DEFINED PROGRAM ASSUMPTIONS & BASELINES
- LEADS TO COST / SCHEDULE GROWTH DURING EXECUTION

TO BE...



- OUTPUT OF EACH PHASE MEETS INPUT CRITERIA FOR GATE REVIEWS
- GREATER OPPORTUNITY FOR MATURING CRITICAL TECHNOLOGIES
- ALLOWS FOR COMPETITIVE PRESSURES TO BETTER OPTIMIZE COST/SCHED/PERFORMANCE
- GREATLY IMPROVED LIKELIHOOD OF MEETING COST/SCHED

START "SLOW" TO GO FAST!

IMPROVEMENT OPPORTUNITIES

