



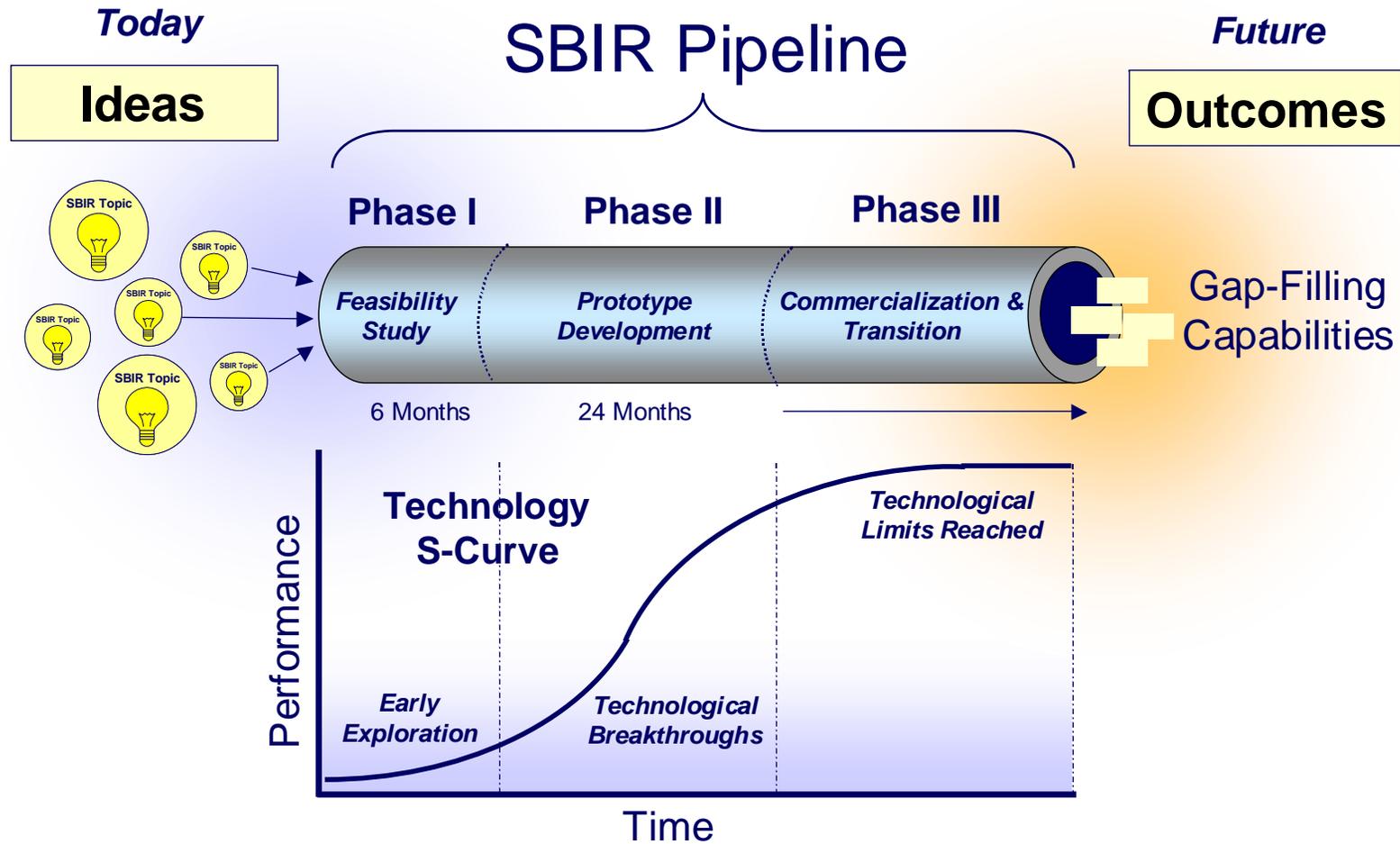
Technology Transition - from the NAVAIR Acquisition Professional's Perspective

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SBIR “Pipeline”

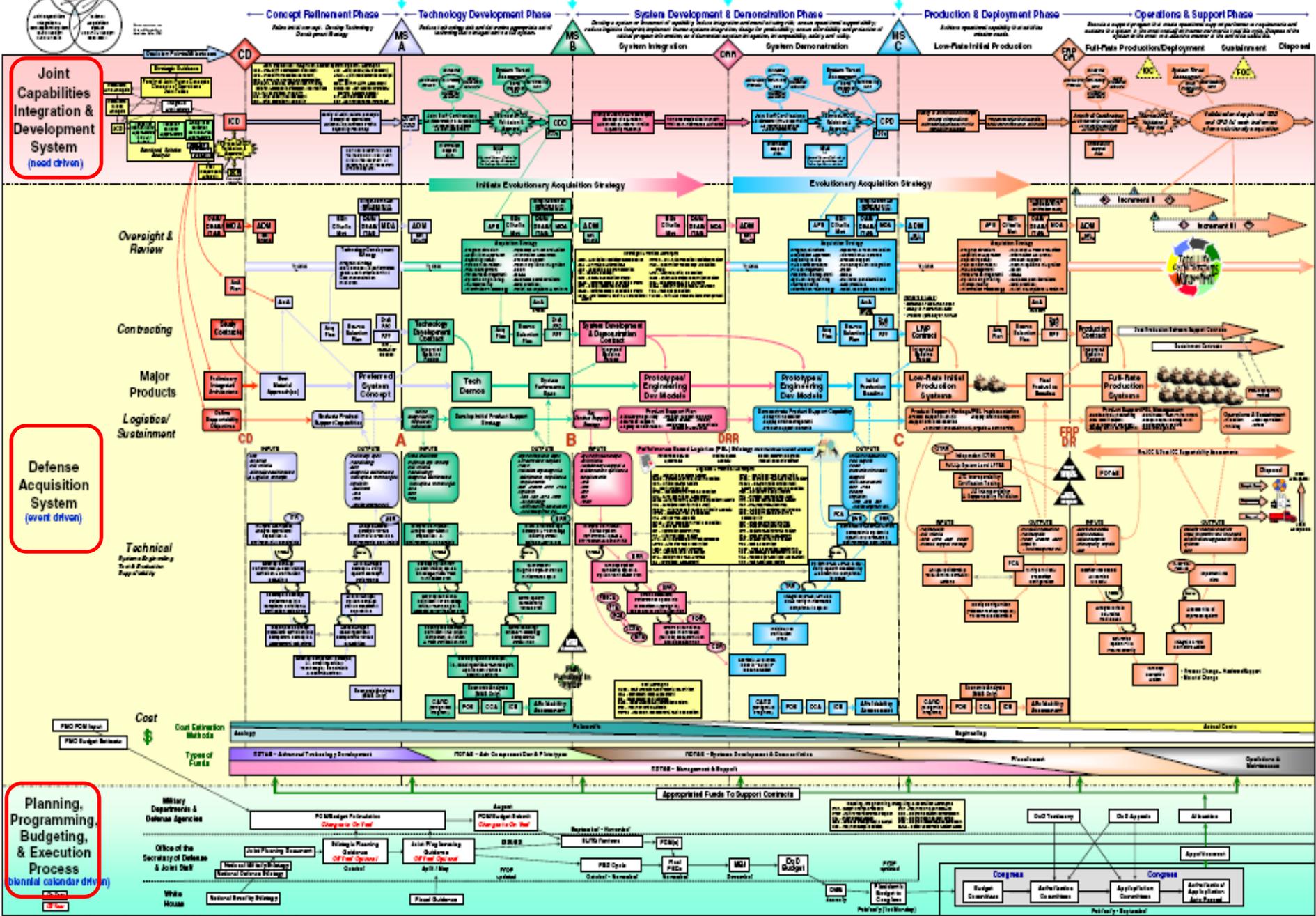


Integrated Defense Acquisition, Technology, & Logistics Life Cycle Management Framework



The Milestone Decision Authority may authorize entry into the acquisition process at any point, consistent with phase-specific entrance criteria and statutory requirements

This framework is a synthesis of the Department of Defense's current and emerging policies and practices in the areas of acquisition, technology, and logistics. It is intended to provide a common framework for the Department of Defense and its component agencies to use in the development of their respective policies and practices.



Joint Capabilities Integration & Development System (need driven)

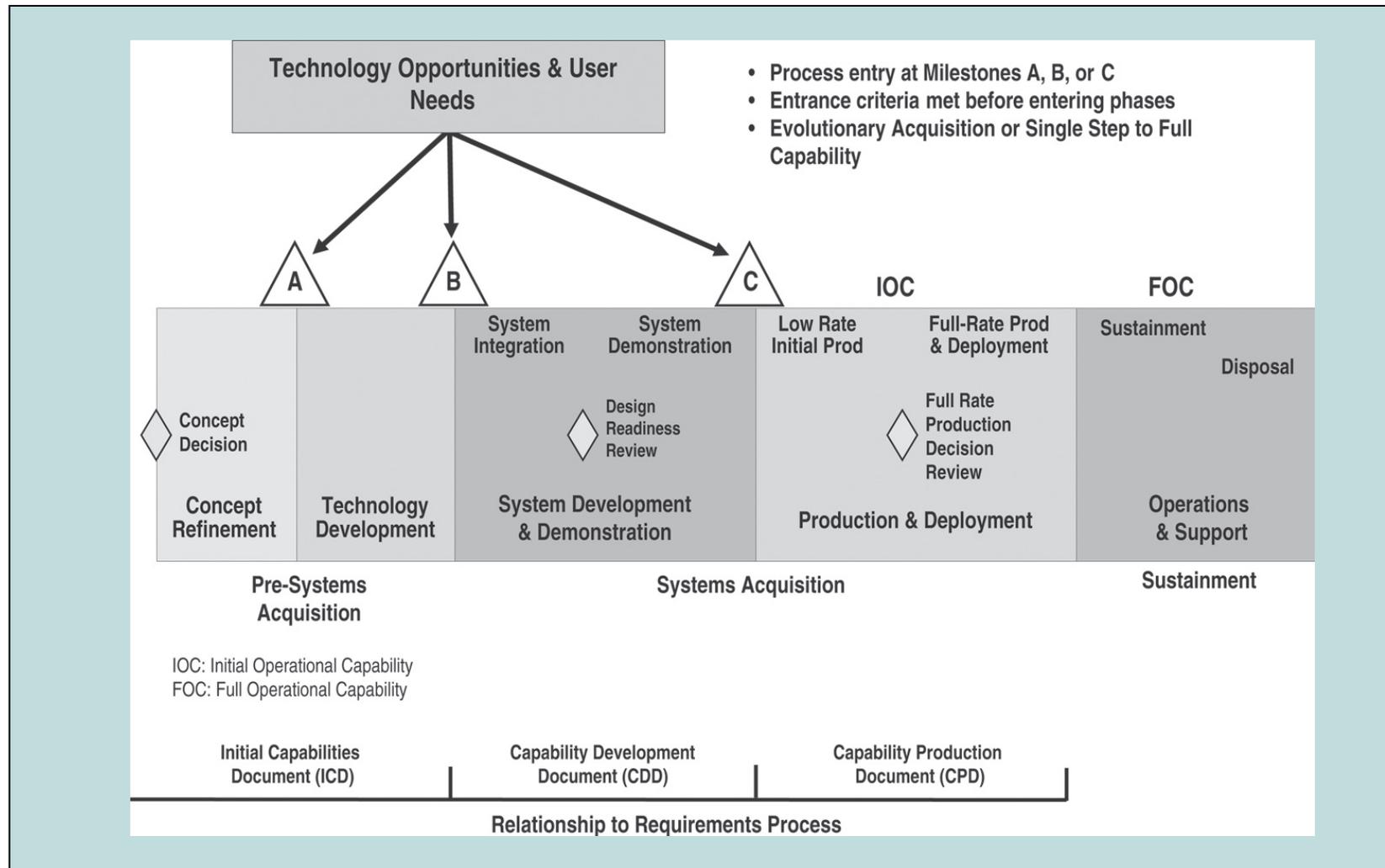
Defense Acquisition System (want driven)

Planning, Programming, Budgeting, & Execution Process (biennial calendar driven)

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Timing for Technology Insertion



The Valley of Death



Warfighter Goals

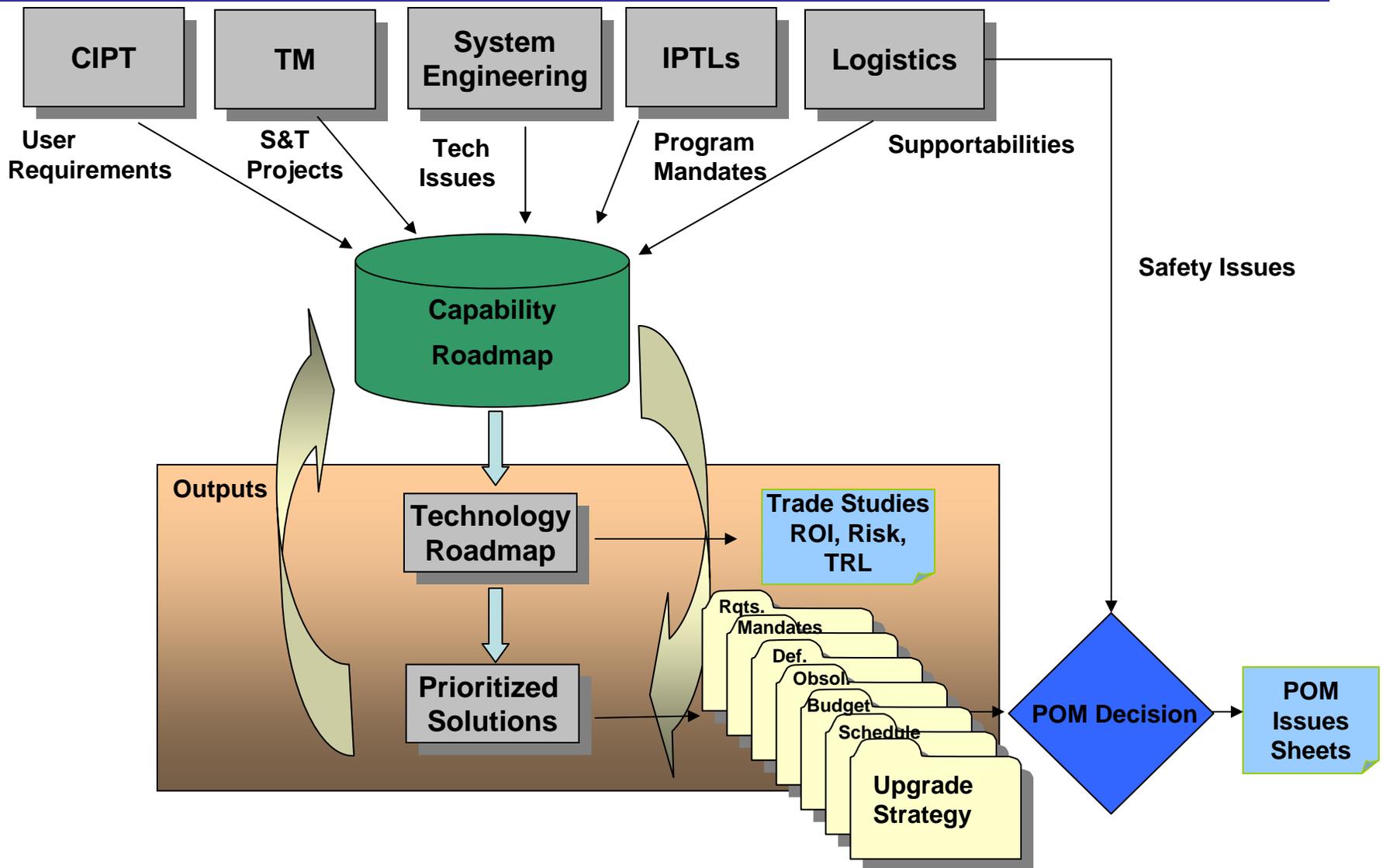
- *Rapid fielding*
- *Joint CONOPS published*
- *Address full system capabilities*
- *Residual Plan (interim operations)*
- *C4I integration addressed/resolved*
- *Transition funds for residual period*
- *POM funds for acquisition & production*
- *Lead Service or Agency fully engaged*
 - *ORD*
 - *CDD/CPD*



Obstacles

- *Ad Hoc Transition Process*
- *Not addressing full System capabilities*
- *Ineffectual Transition IPT*
- *No separate POM (not in PPBS cycle)*
- *Service/Agency reluctance to commit time/resources*
- *No forcing function in Acquisition in the joint community*
- *No Joint Community of interest in the Services*

S&T Strategic Process Overview



Questions To Consider for Systems Engineering Process



- Do you have a process that maps technologies you are developing to weapon systems capabilities needs?
- Are your program needs prioritized so the S&T and R&D communities can respond accordingly?
- Do you invite S&T and acquisition staff to attend meetings in which warfighters are discussing future needs and lessons learned?
- Are you using the Integrated Product and Process Development (IPPD) process to reach desired readiness levels and mature technologies?
- Have you balanced prime system contractor / integrator and Government priorities in promoting technology insertion?
- Do you have a risk management process for mitigating program risks for technologies?
- Is your program designed to promote open standards so new technology can more readily be integrated?
- Are these open standards and interface specifications available to interfacing weapon system programs for inserting technology?

H-53 CAPABILITY ROADMAP

