



Model-Based Systems Engineering

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for Systems Engineering**

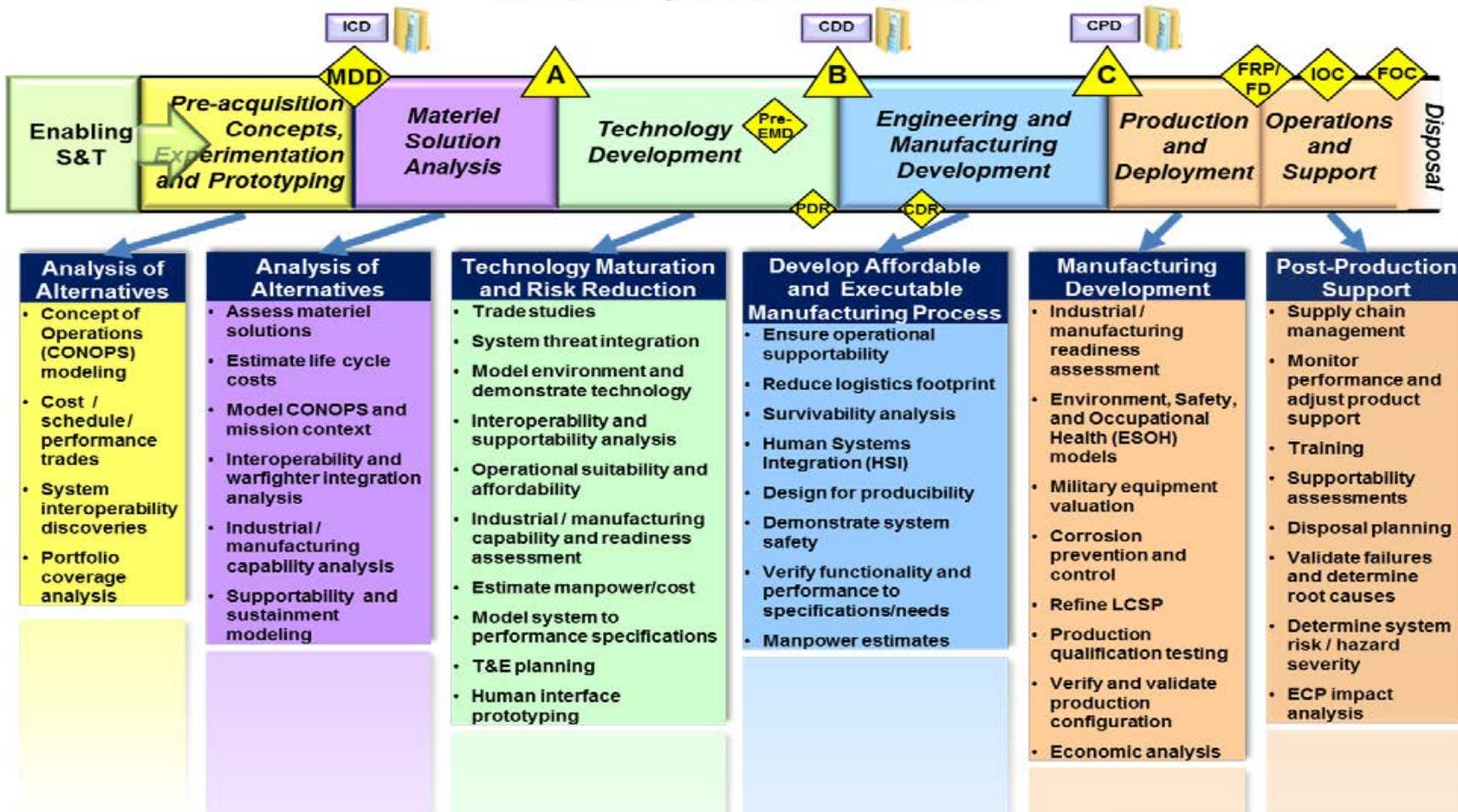
**Model-Based Engineering Summit
National Institute of Standards and Technology
Gaithersburg, MD | December 18, 2013**



DAG Ch 4: Various Applications of Modeling and Simulation



Modeling and Simulation in the DoD Acquisition Life Cycle "Weapon System Development"





Who Are the Stakeholders?

Systems Engineering

Analysis

Sustaining

Training

Decision Making

Test and Evaluation

Program Management

Source Selection

Business Management

Systems Architecting

Senior Leadership

Program Protection

Life Cycle Logistics

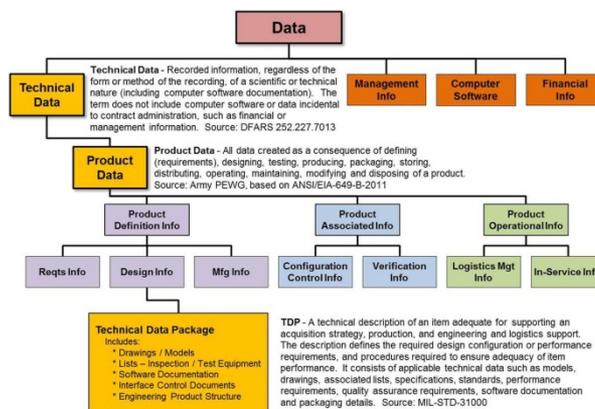
Affordability

Production

Human Systems Integration

Design

Documenting



Need to identify the value propositions to/from stakeholders and others that contribute to system model

- *Participants need tangible benefits for making contribution – carrot not stick*