



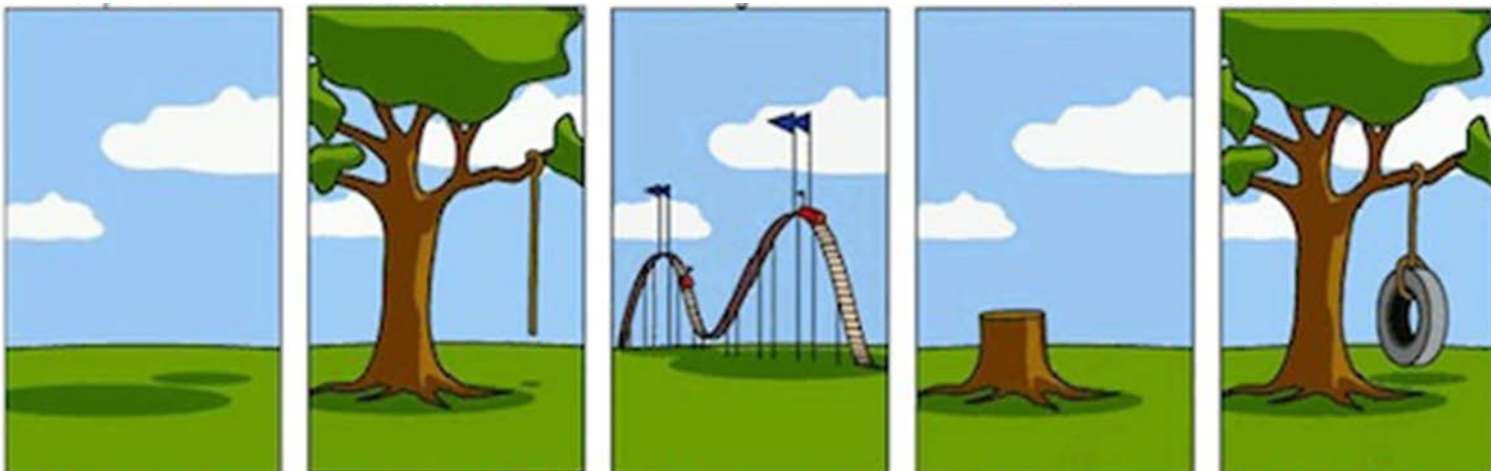
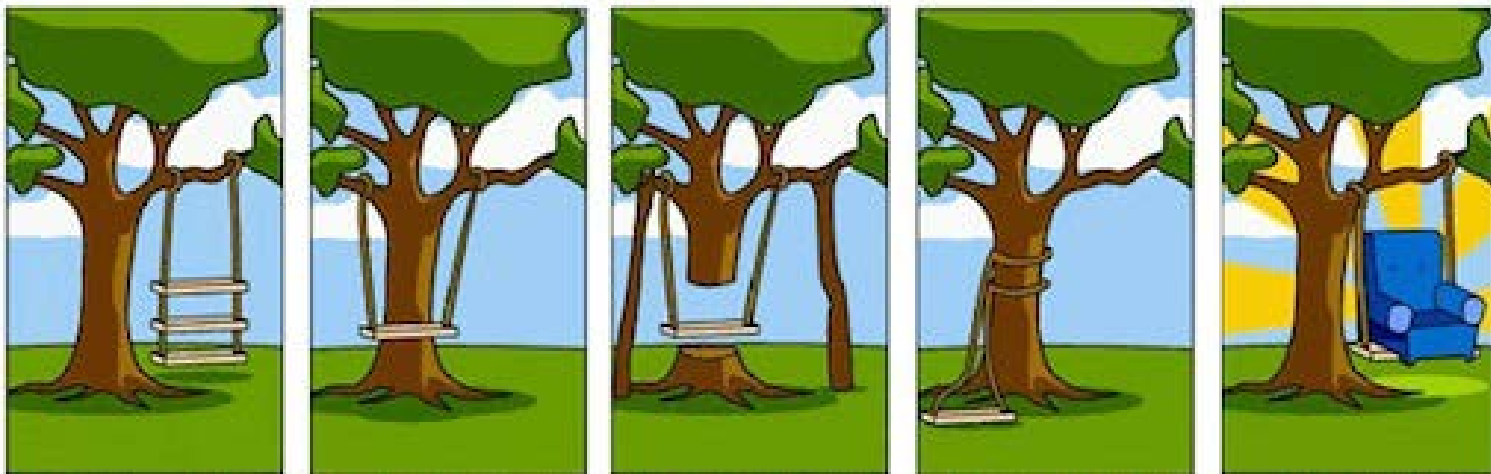
The Joint Requirements Office for CBRN Defense



Developing Joint CBRND Capabilities

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Joint Staff J8
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Why Get Requirements Right?



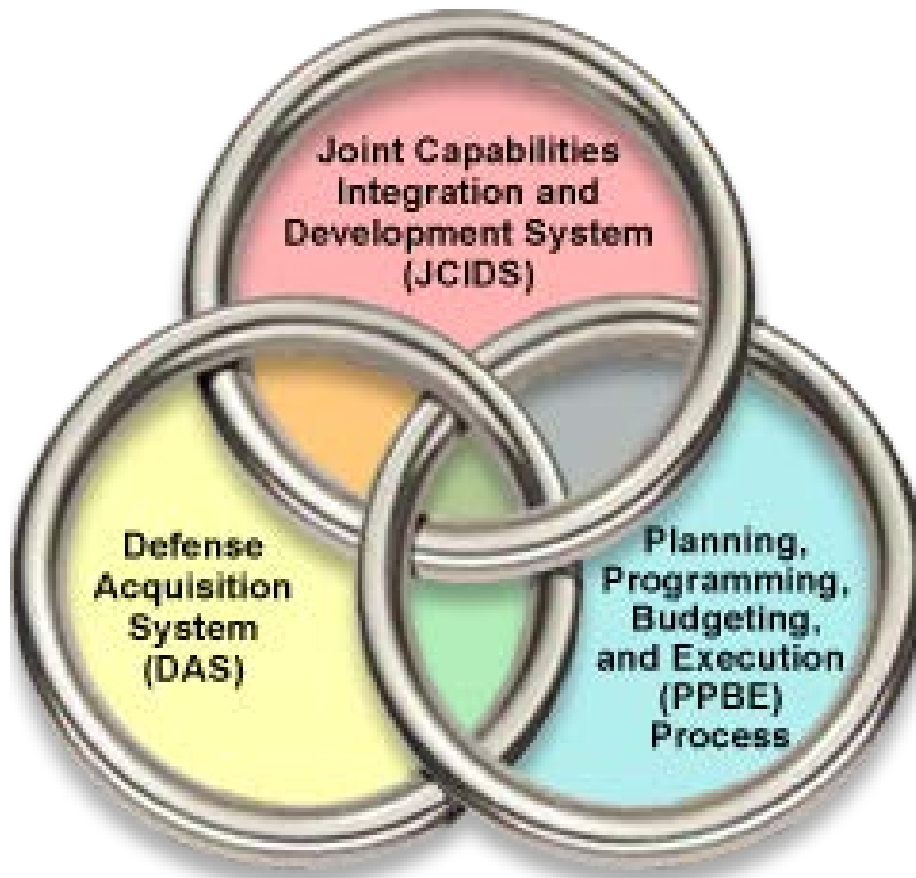
<http://www.tamingdata.com/2010/07/08/the-project-management-tree-swing-cartoon-past-and-present/>

JRO Mission & Functions

Identify, assess and prioritize joint CBRND operational capability requirements to further advance DoD's abilities to counter WMD

- **Lead joint CBRN defense equipment (CDE) and medical CDE operational capability requirements**
- **Represent the Services and Combatant Commanders in Joint Capabilities Integration Development System (JCIDS) and act as their proponent for coordinating and integrating CBRND operational capabilities**
- **Identify, coordinate, and approve the CBRN defense operational concepts**
- **Lead development of Chem-Bio Defense Program Objective Memorandum (POM)**
- **Develop the CBRND Modernization Plan**
- **Conduct CBRN Operational Risk Assessment**
- **Maintain visibility of CBRND-related demonstration activities of the Military Services, Combatant Commands, and relevant Defense Agencies**
- **Facilitate development of joint CBRN defense doctrine, training, senior leader education, and sponsor development of multi-service doctrine**

The Process...Decision Support Systems



PPBE: ASD(NCB) and DASD(CBD) Oversight & Mgt
- JRO, w/ PAIO support, leads POM development – vice versa for Budget Reviews

DAS: JPEO-CBD Develops, Acquires and Fields CBD Equipment
- JSTO conducts basic & applied research; transitions technologies
- T&E ensures outcomes of testing are credible and useful

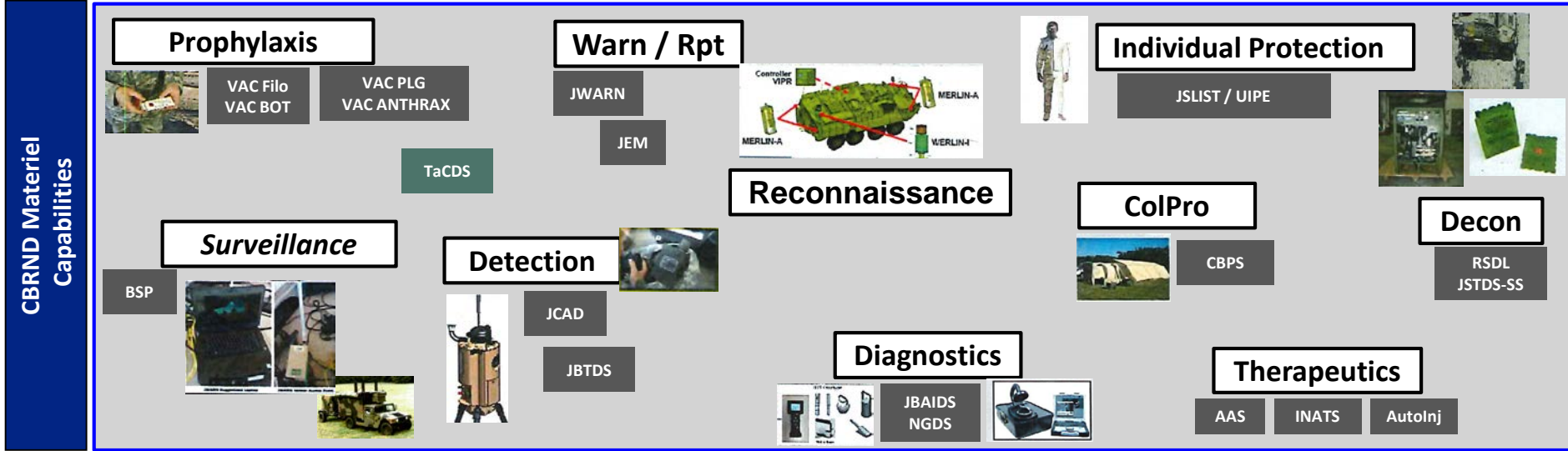
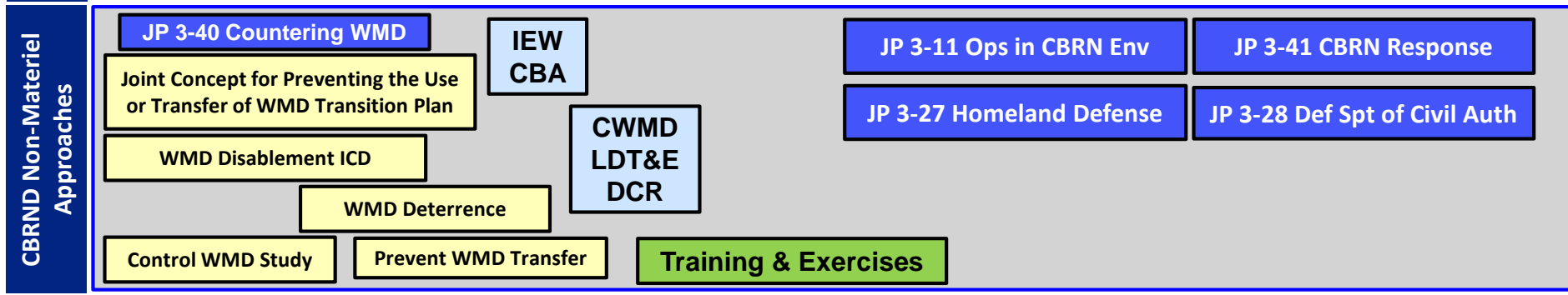
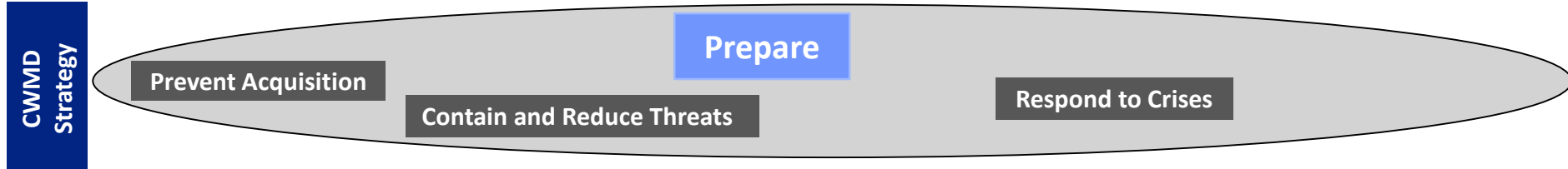
JCIDS: JRO-CBRND leads capabilities development; represents & advocates on behalf of Services and COCOMs

Requirements – Efforts of Interest

- Next generation chemical detection
 - AVCAD: aerosol/vapor monitor for detection
 - PCAD: liquid/solid surface area sensor
 - MPCAD: analytical sensor identifies/quantifies state of matter samples
 - WCAD: wearable detector technology provides warning of CWAs, TICs, and oxygen levels
- PBA MCM CONOPS and CDD
- CBRN IEW CBA and follow on Joint DCR
- CBDDP FY 20-24 POM
- Joint Publication 3-11
- SOCOM CWMD Coordination Conference

- Aerosol and Vapor Chemical Agent Detector (AVCAD)
- Capability Based Assessment (CBA)
- Capability Development Document (CDD)
- Chemical Warfare Agents (CWA)
- Concept of Operations (CONOPS)
- Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, Facilities and Policy (DOTmLPF-P) Change Recommendation (DCR)
- Integrated Early Warning (IEW)
- Medical Countermeasures (MCM)
- Multi-Phase Chemical Agent Detector (MPCAD)
- Pharmaceutical Based Agents (PBA)
- Program Objective Memorandum (POM)
- Proximate Chemical Agent Detector (PCAD)
- Toxic Industrial Chemicals (TIC)
- Wearable Chemical Agent Detector (WCAD)

CBRND In Support of CWMD



- The requirements process is one piece of the CBD program
- JCIDS is the specific decision-making process used to develop required capabilities
- JRO-CBRND represents the Services in the JCIDS process and is the Joint Staff focal point for CBRN issues



JCIDS along with the Defense Acquisition System and the Planning, Programming, Budgeting, and Execution processes form the principal DoD decision support processes for developing capabilities required by the military forces to support the national military strategy and the defense strategy



Questions



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