United States Joint Forces Command
"Growing a Political, military, Economic, Social, Information, and Infrastructure (PMESII) or Comprehensive Approach" Community of Interest

Project Overview

Project Problem Statement

Comprehensive monitoring, planning, and implementation by both government and non-government organizations requires a "whole of society" approach to respond to worldwide events; however, the lack of a trusted (PMESII) SME enterprise inhibits practitioners' ability to create required multi-dimensional knowledge bases, plans and analyses to improve information sharing

Project Vision

A virtual enterprise of Subject Matter Experts collaboratively networked by tools and technologies to create a trusted relationship that assists government agencies and non-government organizations to optimize planning, preparation and execution of their missions

A "champion" is needed to initiate a program so that the community can be optimized

Envisioned JFCOM role:
Establish, kickoff, and transition the CoI to a non-military agency

Project Activity Description

Baseline Collective Assessment *Create a baseline of existing PMESII related projects, programs, and tools. "Quick look" into existing work being done and tools being used. Identify perceived gaps in the community efforts. Use initial gaps as funding tasks to jump start progress. COMPLETED FEB 09*

Virtual Catalog of People, Organizations, and Projects *Being worked in the PMESII field. In partnership with Carnegie Mellon University, develop a "Facebook" like capability linking those doing work in the PMESII community with the work that they are doing and the organizations involved. SITE UP AND RUNNING <https://primus.casos.cs.cmu.edu/catweb>*

Iterative Focused Workshops Series

• *In a Virtual Collaborative Environment (VCE)(like "Second Life) give an organization or person the ability to virtually link with colleagues from around the world to address and chat about mutually interesting topics, solve specific problems "wiki" style, or introduce themselves and their work to those who they would not normally meet*

• *Collaboratively develop standards, rules, and guidelines optimizing information sharing & information access*

• *Create a tool assessment process and 'drive' the community to an open standard for human domain (PMESII) tools, networks & data*

Project Activity Description cont.

Limited Objective Experiment:

• Inside the VCE, assess a joint task force commander and his staff's ability to access this community for information sharing during critical crisis response planning to develop a "whole of society" answer to the scenario based problem set

• Allow community members to reflect Real World characteristics in the VCE which enhances information sharing, collaboration, and lesson learned exchanges

BUILDING PARTNERSHIPS
What's involved for our partners at each stage

Virtual Catalog of People, Organizations, and Projects **The Catalyst Project is up and running at Carnegie Mellon,** https://primus.casos.cs.cmu.edu/catweb. Share it with your peers and use it to market your research, projects, and tools
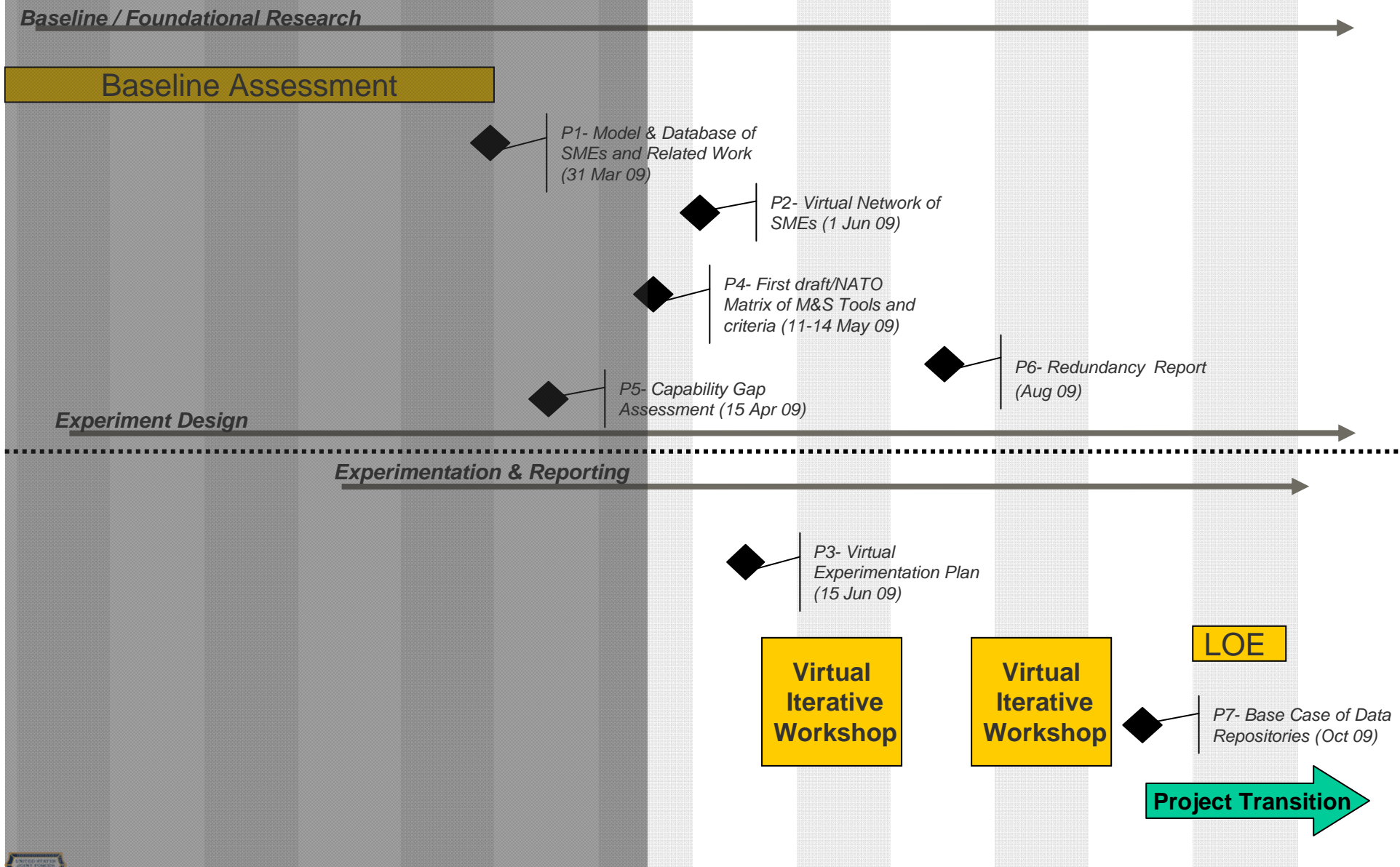
Iterative Focused Workshops Series

- We NEED Series Leads which means

    - Bringing a problem that you would like to "lay on the community"

    - Facilitate a wiki style discussion asynchronously over a few days, or asynchronously over a few hours, searching for a consensus or perhaps just the framing of the real problem

Limited Objective Experiment We want a scenario that is important to our partners and we want to stress the military's ability to work with a community it does not normally work with. The goal is to avoid the scenario evolving into kinetic war and minimize the potential for conflict

	FY09									FY10		
Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Baseline / Foundational Research

Baseline Assessment

P1- Model & Database of SMEs and Related Work (31 Mar 09)

P2- Virtual Network of SMEs (1 Jun 09)

P4- First draft/NATO Matrix of M&S Tools and criteria (11-14 May 09)

P6- Redundancy Report (Aug 09)

P5- Capability Gap Assessment (15 Apr 09)

Experiment Design

Experimentation & Reporting

P3- Virtual Experimentation Plan (15 Jun 09)

LOE

Virtual Iterative Workshop

Virtual Iterative Workshop

P7- Base Case of Data Repositories (Oct 09)

Project Transition

Event ◆ Deliverable

UNCLASSIFIED

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