



# **CMMI-Acquisition Update**

**Systems and Software Technology Conference  
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# Interest in Acquisition Process Improvement

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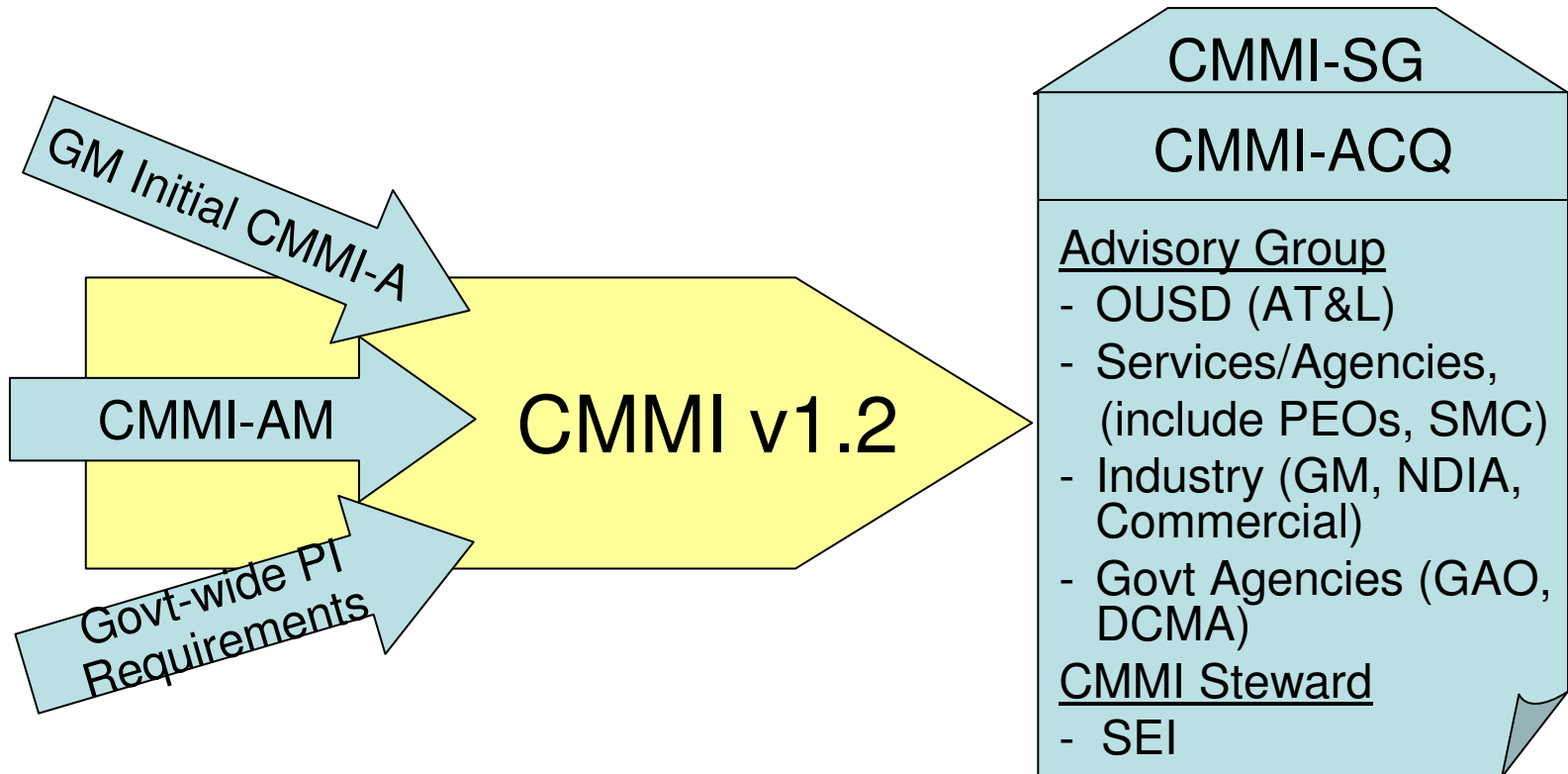
- Congress directed the Department to establish software acquisition process improvement
- OSD led the development of the CMMI-Acquisition Module
- Air Force Space and Missile Command (SMC) developed a CMMI-A for SMC programs
- General Motors and the SEI have initiated a CMMI for Acquisition Organizations Project
- Government Agencies organized under GAO to initiate a Government-wide process improvement effort

***“How do I measure PEO capability; credentials?”***

***LTG Yakovac, 14 Nov 05, CMMI Technical User Conference Keynote***



# Realizing CMMI-Acquisition



- CMMI-A will be realized through several key inputs, and will use the CMMI v1.2 as a baseline framework
- A full development lifecycle process will be applied, with input from a broad stakeholder community



# CMMI-Acquisition Advisory Group

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- Representatives from major acquisition community stakeholders
- Initial review and comment on products from the CMMI-A model team
- Ensures CMMI-A considers stakeholder needs
- Coordinates with CMMI-SG to ensure consistency

In process of identifying key stakeholder representatives  
for the Advisory Group



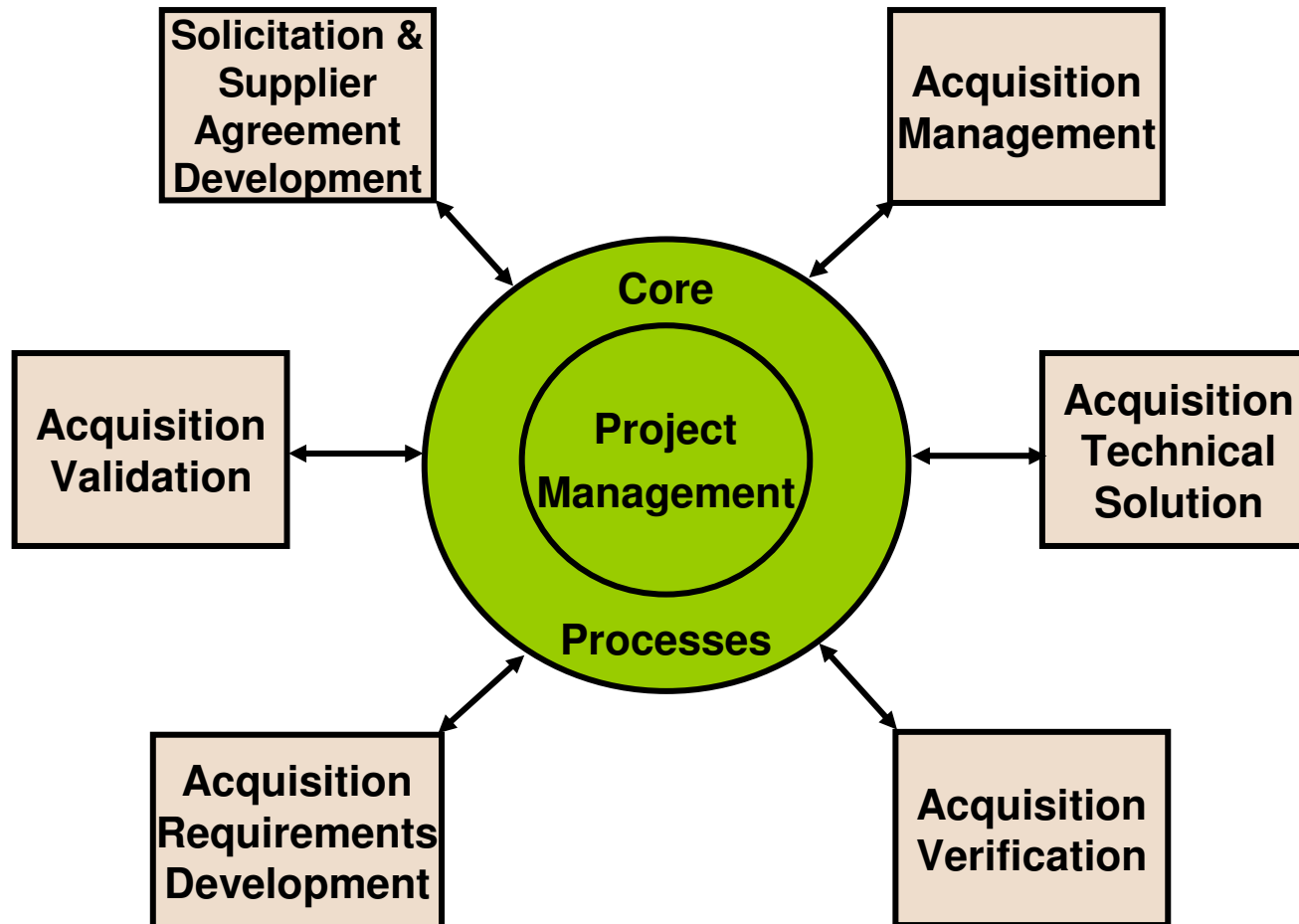
# General Motors/SEI Joint Project: The Initial CMMI-Acquisition

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- Project Goal: Develop an Acquisition Model that conforms with the CMMI architecture
- Involve industry and government agencies in developing and piloting the initial CMMI-A
- Make the CMMI-A available for initial industry and government use in 2006



# Initial CMMI-Acquisition Model Key Acquisition Processes\*



\*based on initial CMMI-Acquisition model developed by General Motors/SEI 6



# Pilot Participation

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- Pilot initial GM CMMI-A version to:
  - Validate requirements
  - Assure Service/Agency/Industry acquirer needs are addressed
  - Enhance acquiring organization understanding of process improvement
- Candidate Pilots
  - General Motors
  - HUD
  - Veterans Affairs
  - Department of Homeland Security
  - SA-CMM users
  - CMMI-AM users (Army, AF SMC, NRO, etc)

Confirming pilot candidates – obtaining PM participation



# Tentative Schedule

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**April-May 2006**

**Refine General Motors CMMI-A, plan for pilots**

**June 2006**

**GM CMMI-A and initial training available**

**June-September 2006**

**Conduct pilots to refine initial GM model**

**October-December 2006**

**Update based upon pilot findings; adapt to CMMI-ACQ**

**January-February 2007**

**CMMI-ACQ available for QA and final review**

**March 2007**

**Release CMMI-ACQ *Product Suite (Model, Method, Training)***



# Summary

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- An integrated approach to developing acquisition process improvement
  - Industry involvement
  - Existing process improvement
  - Government-wide needs
- Advisory Board and pilots will shape the final outcome
- This is an opportunity to transform acquirer and supplier relationships and shape the future of process improvement