

SPEEDS

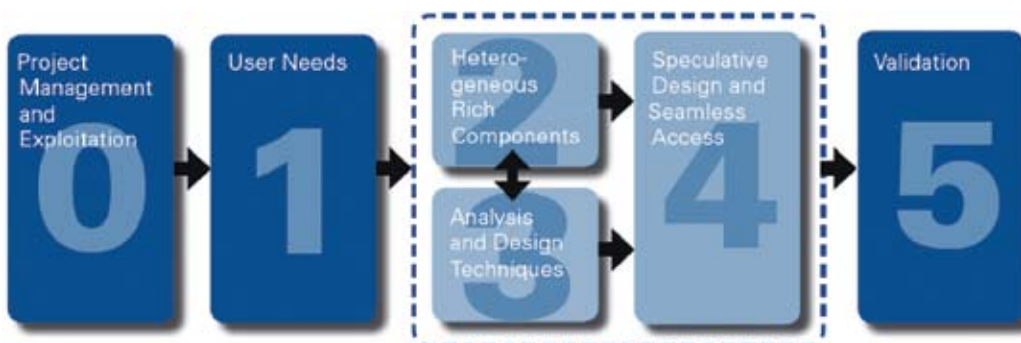
SPeculative and Exploratory Design in Systems Engineering



Partners				
Airbus	Esterel	INRIA	Magna Steyr	SAAB
Bosch	EXTESSY	Israel Aircraft Ind.	OFFIS	TNI
DaimlerChrysler	I-Logix	Knorr Bremse	PARADES	VERIMAG
Duration of the project				
Start	1 May 2006			
Finnish	30 April 2009			

New embedded systems initiative

- Standard end-to-end system design process
- Construction of system prototypes already at the design stage
- Quantum leap in safety-critical embedded software development
- Greater collaboration between European companies of all sizes



Design of safety-critical embedded systems

- Complies with UML, SysML, Autosar, and DO-178C
- Early analysis of non-functional design constraints
- Component-based construction and virtual system integration
- Co-analysis and hosted simulation