EICOSE

European Institute for Complex Safety Critical Systems Engineering

An Introduction to EICOSE

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EICOSE Chairman (June 1, 2008 – May 30, 2009)

Syntec informatique

BITKOM

Assises Franco-Allemandes de l'Embarqué

9 juin 2009

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SafeTRANS SAFETY IN TRANSPORTATION SYSTEMS

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Addressing *embedded systems*

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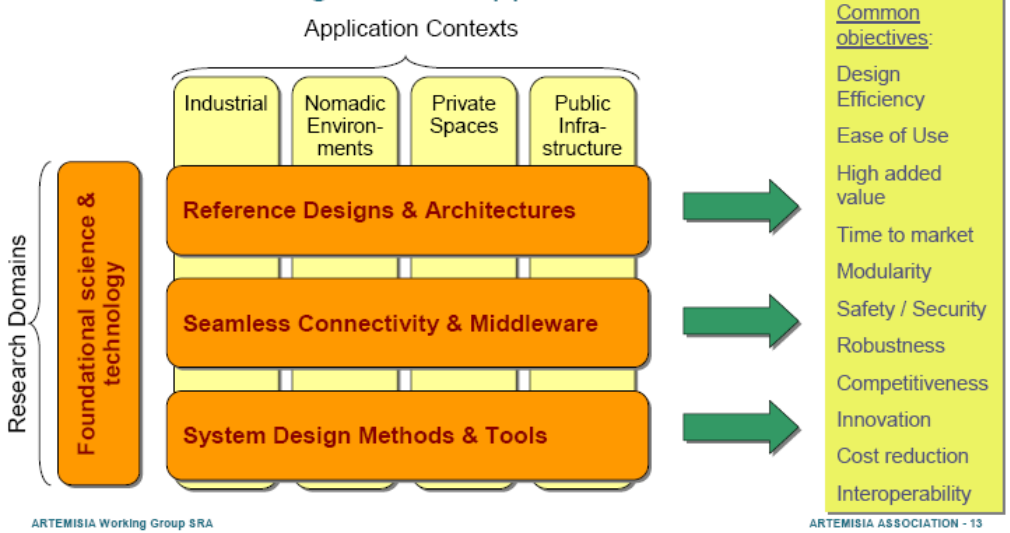
Advanced Research & Technology for EMbedded Intelligence and Systems

Back to the Source: the High Level view
ARTEMIS-ETP: Strategic Research Agenda

ARTEMIS envisages cross-application solutions



ARTEMIS

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1. *Methods and Processes for Safety-relevant Embedded Systems*
2. *Person-centric Health Management*
3. *Smart Environments and Scalable Digital Services*
4. *Efficient Manufacturing and Logistics*
5. *Computing Environments for Embedded Systems*
6. *Security, Privacy and Dependability in Embedded Systems for Appliances/Networks/Services*
7. *Embedded Technology for Sustainable Urban Life*
8. *Human-centric Design of Embedded Systems*

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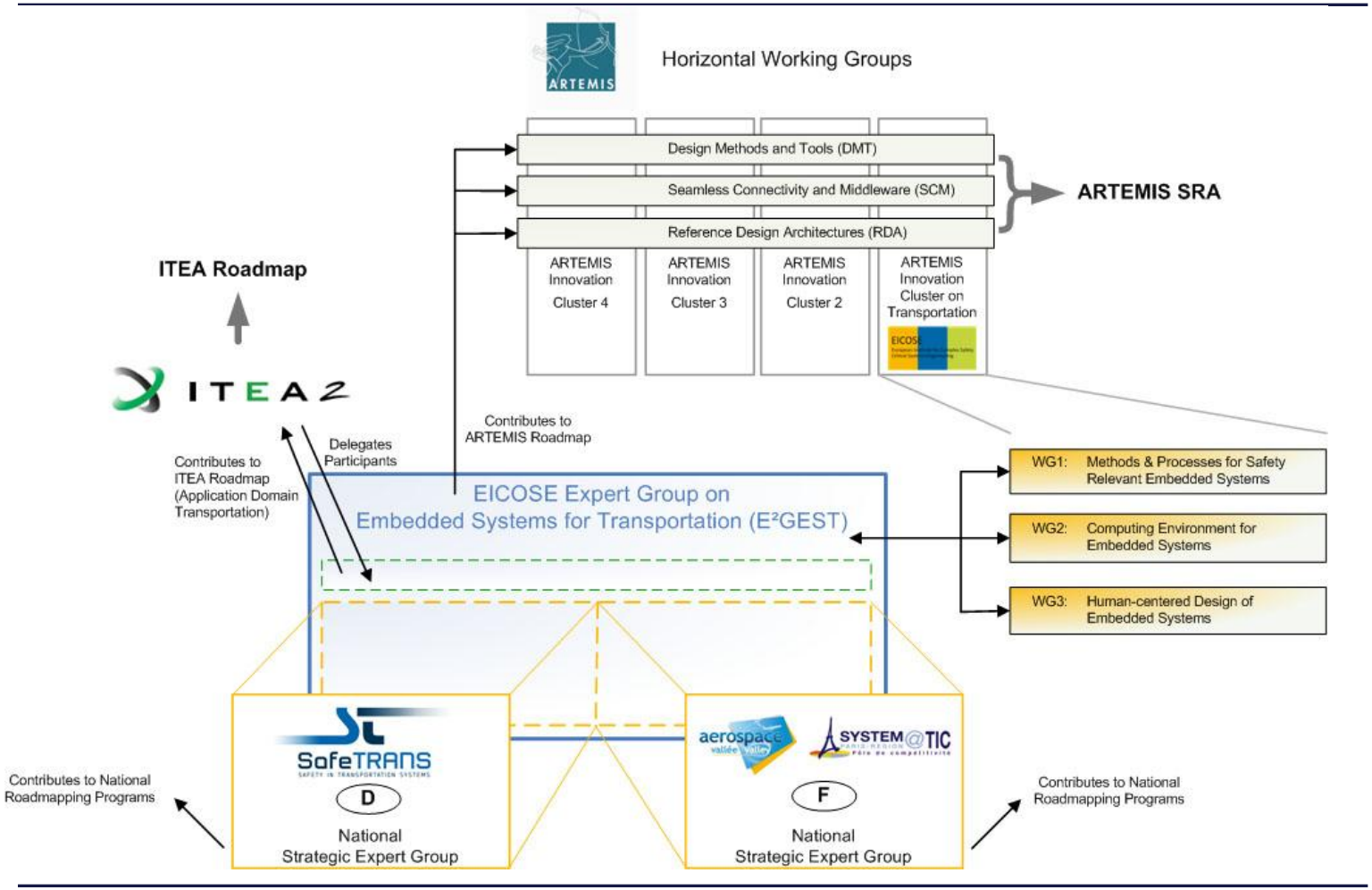

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EICOSE is open

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join EICOSE

60 large enterprises, 35 SMEs, 25 research centers

EICOSE has been recognized by Artemis as the first innovation cluster in the field of complex systems for transportation.

The interests in joining EICOSE are:

- To share roadmaps
- To elaborate R&D European projects
- To be part of an important community in the transportation domain (the lists of clusters' members are available on the respective clusters' websites).

EICOSE is open to welcome:

- New Clusters, already recognized in the field of EICOSE
- Experts from reasearch institutes and industrial companies.

- Associated Members : Organisations members of ARTEMISIA
  - Participation to EICOSE Working Groups
  - Represented in the Steering Board

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www.eicose.eu

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Welcome to EICOSE

EICOSE *(European Institute for Complex Safety Critical Systems Engineering)* is a virtual institute that leverages three recognized national initiatives onto a European dimension, namely the two French pôle de compétitivités Aerospace Valley (www.aerospace-valley.com), System@tic Paris-Region (www.systematic-paris-region.org) and the German competence cluster SafeTRANS (www.safetrans-de.org).

EICOSE has been awarded the title of ARTEMIS Innovation Cluster on Transportation, being the first institute to which this title was bestowed. As such, EICOSEs responsibility is to help shape that part of the ARTEMIS Strategic Research Agenda concerning processes and methods for complex safety critical systems in the transportation domain (Automotive, Aeronautics, Railways).

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Thank you for your attention !

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