

French / German Embedded Symposium

# A Roadmap for Growth !

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Syntec informatique and BITKOM



**Syntec** informatique

Des entreprises qui changent le monde





# Agenda

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- « Comité Embarqué » Syntec informatique – Embedded Systems Strategy: Milestone report
- BITKOM / Syntec informatique: German/French Cooperation



# Syntec informatique Embedded Systems Strategy

- Structure the Embedded Systems Community with a worldwide ambition
- Provide Economical Value to the Community
- Provide Technical Value to the Community
- A specific Focus on German / French cooperation



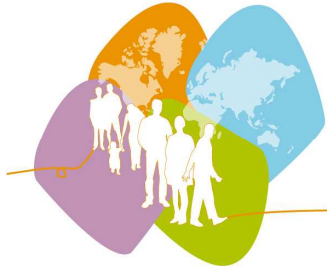
# Structure the Embedded Systems Community

- **Leverage the Competitiveness Clusters active in the Embedded field**
  - Structural association with System@tic, Aerospace Valley, Minalogic & Images et réseaux clusters
- **Help regroup the french industrial actors in the Embedded Systems domain**
  - Creation & Launch of the CG2E (Large Industrial Companies developing Embedded Systems) as strategic partners of the Software Editors & Service Companies of Syntec informatique
  - The CG2E is now active and working, with 2 active working groups now in place



# Provide Economical Value to the Community

- **Size the Markets**
  - French Embedded Systems market study (2007) (PAC)
  - German Embedded Systems market study (first study on 6/2008) (PAC + techconsult) + Updated 03/2009
- **Forecast the employment and skills evolution to dimension the training & recruitment infrastructure**
  - Embedded Systems Skills & Employment Study in France (6/2008) (PAC)
  - Follow Up to SUCCESS Study in Germany (Q4/2009)
- **Analyze the french national Training Infrastructure for Embedded Systems (Katalyse) 6/2009**
- **Support Joint academic Education Program announcements (such as today's joint announcement of Microsoft France, Esterel Technologies & Geensys )**



# Provide Technical Value to the Community

- First Common Technical Baseline for Embedded Systems (6/2008), realized by CEA & VERIMAG on behalf of DGCIS, Syntec informatique, DGCIS, System@tic, Aerospace Valley, Minalogic and Image & Reseaux
  - System View
  - Lifecycle View
  - Methods & Process View
  - Tools View
- Extension of the Common Technical Baseline provided by VERIMAG (6/2009) as a community portal for embedded systems developers
  - <http://www.embedded-systems-portal.com/CTB/>



# Build the future on present successes !

- **Example of successful projects and working cooperations**
  - Round tables 1 & 2
- **Highlight the Successes & Growth !**
  - First Embedded Systems Trophy (Critical Systems, Consumer Systems, Sensor-based systems, Real-time Information systems) (6/2008)
  - Second Embedded Systems Trophy (Critical Systems, Consumer Systems, Sensor-based systems, Real-time Information systems) (6/2009)



# German / French Cooperation

- **Intensify the German / French Cooperation**
  - Install a regular platform for exchange between German and French Embedded industries
  - Further develop joint market sizing and market analysis
  - Identify successful joint French/German projects and talk about it!
- **Create a platform for exchange between Industrial Companies and Software Editors**
- **Develop a Joint German / French Workshop on Financing with Investors**
- **Identify common work themes between Industrial Companies and Software Editors & Service Companies in Germany & France**
  - Fostering Common Standards, including Safety & Security: CC / EAL / ENISA
  - Growing the Productivity of the embedded systems development chain
  - Sizing the economic impact of embedded systems
  - Developing common recruiting, training & communication strategies



# Synthesis

- **A large & growing Embedded Systems Community**
  - >500000 jobs in France & Germany alone with significant job creation opportunities
  - An industry maintaining a positive growth even thru the current deep recession (+5% still forecasted for 2009)
  - A worldwide leadership in a large export-intensive domain
- **Supported by a Long Term team effort of Syntec informatique & BITKOM, in partnership with the Industry, the Research community, the Competitiveness Clusters and the Public Authorities**



Join us and communicate  
on successes !



# 2009

## Deuxièmes Assises Franco-allemandes de l'Embarqué

9 Juin 2009, Paris



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