



Automotive Industry Working Group

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Update: March 21, 2011 (Slides 6-8)

Update: June 8, 2011 (Slides 9-11)

Strategic Drivers

- 80 – 90% of innovation electronics / software
- System orientation
- Change from 'Production Driven' to 'Quality Driven' and 'Innovation Driven'
- Innovation requires collaboration in value creation network
- Changing supplier networks
- Safety / environmental regulations

Operational Drivers

- Lack of tools support (existence, chain-ability)
- Increasing traceability requirements - functional safety (e.g., IEC 61058, ISO 26262)
- Data / model exchange in value creation network (supply chain)
- Lack of automation (high cost due to manual work)
- Tools performance
- Variant management
- Lack of software knowledge in the industry ('steel benders')



PAST

- First Meeting Stuttgart October 2008
- Financial and Economical Crisis 2009 stalled progress
- Restart Spring / Summer 2010
(Robert Bosch GmbH, Continental AG, BMW AG, Infineon)
- BMW AG start Membership Discussions (Summer 2010)
- Continental AG signs Eclipse Membership Agreement (October 2010)
- Presentation to Board on Nov 1st, 2010

Current

- BMW has signed Membership Agreement on Dec 20
- Formal creation of the IWG has been requested in January 2011 („Proposal Phase“)
- Initial members: Robert Bosch GmbH, Continental AG, BMW Group, Itemis AG
- Technical work has commenced
- Geensys (France) has requested membership in IWG
- Technology Domains: Modeling, C Dev, Multicore

Issues

- Lack of Marketing
- Lack of overlap of interest (in the detail)
- Lack of time to collaborate
- Lack of high-level management interest
- Needs to be addressed in the next months

Future

- Functional Safety
- Multicore (?)
- Long Term Support
- Event: Open Forum
Stuttgart, July 12-13,
2011



F2F Meeting June 8, 2011 (I)

- Steering Committee members:
 - BMW Group, Continental AG, Robert Bosch, itemis, see4sys
 - Spokesperson of the IWG: Andreas Graf, itemis
 - Steering Committee Chair: Andreas Garro, Continental

F2F Meeting June 8, 2011 (I)

- Planned Marketing Activities
 - Press Release ready for www.open-forum.org
 - Presentations at various conferences planned
 - Articles for scientific conferences, automotive press

F2F Meeting June 8, 2011 (I)

- Work Packages
 - WP1: Technology Recommendations, Eclipse Automotive Platform (July 2012 Release)
 - WP2: Huge Models Support
 - WP3: CDT Extensions
 - WP4: Functional Safety Relevant Development Process Support (to be defined)