



ARTEMIS Austria

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www.artemis-austria.net

AVL COVERS ALL CUSTOMER SEGMENTS



Passenger Cars



2-Wheelers



Racing



Construction



Agriculture



Commercial Vehicle



Locomotive



Marine



Power Plants



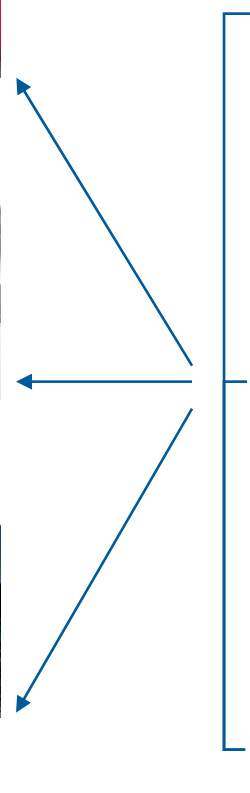
Engineering



Simulation



Testing



ARTEMIS Austria, founded 2010



Vision and Mission

ARTEMIS Austria is an Austrian platform to promote research in the field of Embedded Systems.

Main Activities of ARTEMIS Austria

- **Intensify the transfer of knowledge and networking among scientists and industry in Austria**
- **Facilitate networking with ARTEMIS/ARTEMISIA and Centers of Innovation Excellence (CoIE) EICOSE and ProcessIT.eu**
- **Represent Austrian interests in European programmes**
- **Organize informational meetings on the topics:**
 - **ARTEMIS programme**
 - **National activities in Austria**
 - **FP7 / FP8 activities of the European Commission**
 - **Calls and activities of ITEA (EUREKA)**
- **Contribute input on the prioritization of topics in Austria**



ARTEMIS JU Projects with Austrian participation

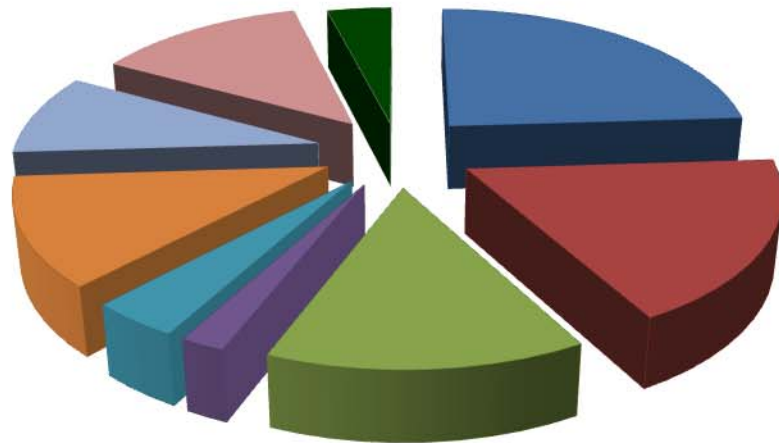
• CESAR *	€ 56,1 Mio.	RDA, SCM, DMT
• ACROSS*	€ 16,1 Mio.	RDA
• POLLUX	€ 33,2 Mio.	RDA, SCM, DMT
• R3-COP	€ 18,3 Mio.	RDA, SCM, DMT
• SAFECER	€ 10,4 Mio.	RDA, DMT
• MBAT	€ 34,5 Mio.	RDA,
SCM, DMT		
• INDEXYS	€ 7,3 Mio.	RDA
• IoE	€ 45,3 Mio.	RDA, SCM, DMT
• HIGH-PROFILE	€ 14,3 Mio.	RDA, DMT

*Austrian Coordinator

RDA = Reference Designs and Architectures
SCM = Seamless Connectivity and Middleware
DMT = Design Methods and Tools

Austrian project volume 2008 – 2010 ~ € 40,3 Mio.

~6% of all projects



- CESAR 24%
- POLLUX 18%
- ACROSS 14%
- R3-COP 2%
- SAFECER 4%
- MBAT 12%
- INDEXYS 9%
- IoE 13%
- HIGH PROFILE 4%

ARTEMIS Austria – Member of Centers of Excellence



EICOSE

- European Institute for Complex Safety Critical Systems Engineering
- EICOSE deals with processes and methods for complex safety-critical systems in the area of transport (road, rail, air).
- Chairman: Prof. Werner Damm, Oldenburg
- Members: SafeTrans (Oldenburg), Systematic (Paris), Aerospace Valley (Toulouse)
+ ARTEMIS Austria + Technalia Spain

ProcessIT Europe

- Automation for Process Industries
- Chairman: Anders Johansson, Lulea University, Schweden
- The focus of ProcessIT EUROPE is on the automation of processes for industrial manufacturing.

Recommended Topics for ARTEMIS

- **System of Systems**
- **Security of data for today's closed control systems**
- **Innovation; after multisectoral research, specific projects are needed to bring results into the innovation chain**
- **ARTEMIS-ENIAC links**
 - **Separate program + budget**
 - **Simplification and flexibility are needed (leaner organisation)**
- **International Cooperation**
 - **Topics for universities and SME's as a possible door – opener**