## COMET: K1

### SCCH
Software Competence Center Hagenberg

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<tr>
<th>Main location</th>
<th>Hagenberg, Oberösterreich</th>
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<td>Other locations</td>
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<td>Research programme</td>
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<tr>
<td>Software Engineering Technologies</td>
<td>(Processes, Quality, Integrated Development Methods, Software Architecture, Domain-Specific Languages, Cloud Computing)</td>
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<tr>
<td>Database Technology</td>
<td>(Data Warehousing, Service-Oriented Architecture)</td>
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<tr>
<td>Knowledge-Based Technologies</td>
<td>(Computer Vision, Knowledge Discovery, Data Mining, Machine Learning, Model-Based Image Analysis, Biomedical Data Analysis)</td>
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### Planned realisation and outcomes
Development of complex object data models that capture fragments of reality in a radically novel way and the actual use of such models for bulk data storage and as a basis for software systems

Development of integrated methods for software construction and analysis that guarantee quality of process and products

Development of software engineering methods that guarantee the formal integration of all aspects and the quality of the resulting artefacts, in particular for service-oriented systems

### History of establishment
The Software Competence Center Hagenberg was established in July 1999 within the framework of the K plus Competence Center program. Since January 2008, the SCCH is a COMET K1 center.

### Selected company partners (max. 10)
1. voestalpine Stahl GmbH
2. TRUMPF Maschinen Austria GmbH & Co. KG
3. Siemens Transformers Austria GmbH & Co.KG
4. OÖ Gebietskrankenkasse
5. GRZ IT Center Linz GmbH
6. ALPINE-ENERGIE Österreich GmbH
7. Fronius International GmbH
8. KEBA AG
9. ABATEC AG
10. ENGEL Austria GmbH

### Selected scientific partners (max. 5)
1. Johannes Kepler Universität Linz (JKU) with the following institutes
   - RISC – Institut für Symbolisches Rechnen
   - FAW – Institut für Anwendungsorientierte Wissensverarbeitung
   - FLLL – Institut für Wissensbasierte Mathematische Systeme
   - Institut für Bioinformatik
   - Institut für Systemsoftware, Institut für Wirtschaftsinformatik – Software Engineering
2. Czech Technical University of Prague, Departement of Cybernetics
3. Universidad de Castilla-La Mancha, Ciudad Real, Spain

### Selected international partners (max. 5)
1. Inmotio Object Tracking BV

### Start Date
2008

### Planned number of personnel
71 VZÄ (davon 61 ForscherInnen)

### Total costs\(^2\)
EUR 8,1 Mio

### Leader of consortium:
Software Competence Center Hagenberg GmbH, Dr. Klaus Pirklbauer

### Contact:
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1 Partners with headquarters outside Austria
2 First funding period: K1-Centres: 4 years, K2-Centers: 5 years;