**COMET: K-Project**

### AIR

**Advanced Interface Research**

<table>
<thead>
<tr>
<th>Main location</th>
<th>Vienna (W)</th>
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<tbody>
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<td>Other locations</td>
<td>Salzburg (SBG), Linz (OÖ), Graz (STM), Hagenberg (OÖ), Wageningen (NL)</td>
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**Research programme**

The goal of the project AIR "Advanced Interface Research" is to explore new ways of interaction with interactive systems in real-world scenarios, looking into the very specifics of the interaction contexts in these scenarios. Current and emerging interaction techniques are investigated in order to enhance the usability, user experience, accessibility, and the overall quality of products and delivered services. User-driven innovation approaches are developed and defined to reach these goals.

**Planned realisation and outcomes**

The partners methodologically analyze the contexts of interactions, based on which new ways of interaction approaches will be examined, designed, prototyped and evaluated through heavy user involvement. Three main contexts in which end-users interact with technology are investigated in detail: (i) context home and extended home, (ii) context mobility, and (iii) context advanced service interactions. In order to reach these goals, tools for intelligent context measurement and a modular management platform for Living Lab research will be investigated and developed.

**History of establishment**

Existing contacts and projects between the project partners have now for the first time been bundled to a collaborative structure that provides the critical mass for developing and exploring new ways of interaction through user driven innovation approaches.

**Selected company partners** (max. 10)

1. EMPORIA
2. Graz AG – Stadtwerke für kommunale Dienste – Verkehrsbetriebe (GVB)
3. KEBA AG
4. MOBILKOM AUSTRIA GmbH
5. Ovos media consulting gmbh
6. PL.O.T EDV Planungs- und HandelsgesmbH
7. Skidata AG
8. Musterhotel GmbH

**Selected scientific partners** (max. 5)

1. CURE – Center for Usability Research and Engineering
2. ICT&S Center, University of Salzburg
3. FH OÖ Entwicklungs GmbH

**Selected international partners**

1. NOLDUS information technology BV (NL)

**Start Date**

July 2010

**Planned number of personnel**

11 FTE (47 researchers)

**Total costs**

EUR 2,946,000

**Leader of consortium:**

CURE – Center for Usability Research and Engineering
Univ.-Prof. Dr. Manfred Tscheligi

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