

e-SENSE Project Presentation

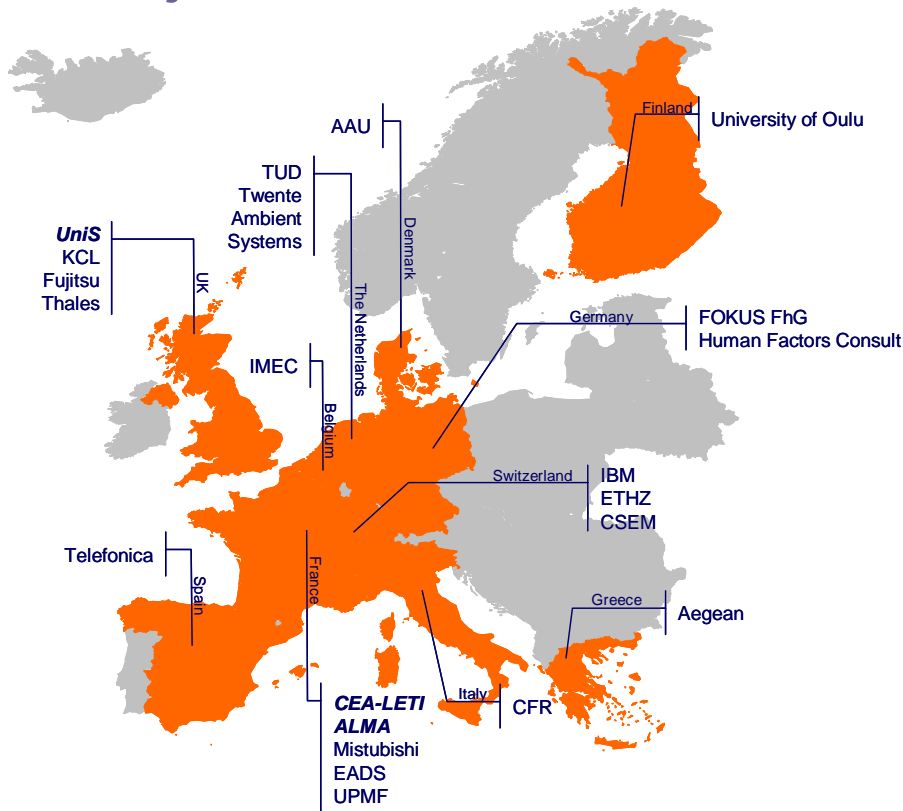
IST-4-IP-027227

Capturing Ambient Intelligence for
Mobile Communications through
Wireless Sensor Networks

Project Facts

Project Duration 1st Phase 24 months, Kick Off: January 2006
 EU Project IST-4-IP, 027227

23 Project Partners in 11 Countries



Project Finance

EU contribution
 6,300,000 Euros

Total estimated cost
 10,000,000 Euros

Total Effort over 24 months
 947.5 Person Months

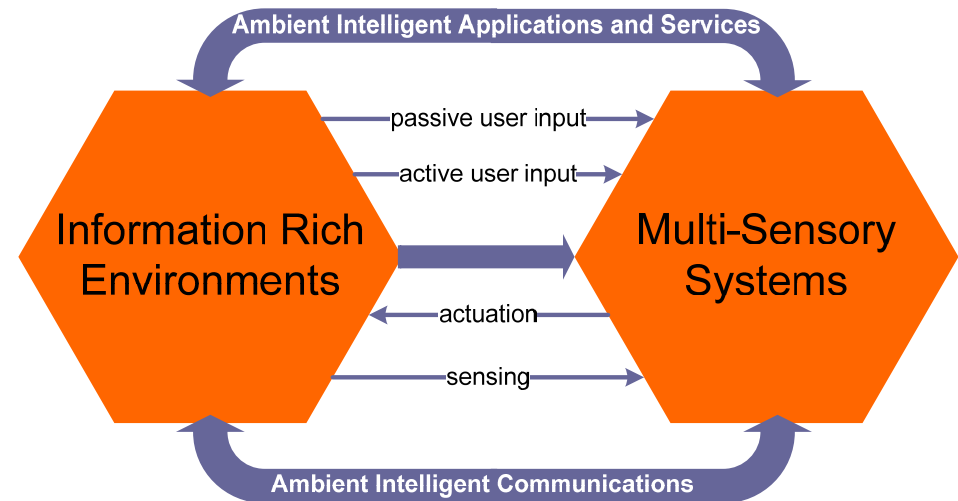
Project Lead

Project Coordinator
 CEA-LETI **Laurent Herault**

Technical Management
 UniS **Derek Babb**

Administrative Manager
 ALMA **Giuseppe Candela**

e-SENSE enables capturing of Ambient Intelligence for Beyond 3G Mobile Communication Systems through Wireless Sensor Networks



Project Main Objectives:

- Energy-Efficient **Sensor Node** and **Sensor Network Architecture**
- Ultra Low-Power **Air-Interface** Designs
- Efficient Wireless **Sensor Networking Protocols**
- **Distributed Processing Middleware**
- Validation of Key Concepts with **Test Beds**


DCIS Department
CEA -LETI
Laurent HERAULT, PhD
Head of Telecommunications Program

email: laurent.herault@cea.fr

Centre de Grenoble
 17 rue des Martyrs
 38054 Grenoble Cedex 9
 France

tel: +33 (0)4 38 78 95 15

fax: +33 (0)4 38 78 51 82

Acronym	e-SENSE
Title of the project	Capturing Ambient Intelligence for Mobile Communications through Wireless Sensor Networks
Proposal number	IST-4-027227
Contract number	027227
Starting date - End date	01/01/2006 – 31/12/2007
Duration (in months)	24
Total Budget	10 276 398,65 €
Total Manpower (mm)	947.5
Community Financial Contribution	6 300 000 €
Project Officer(s)	Paulo DE SOUSA
Logo	 e-sense
Website	www.ist-e-sense.org