



Future home ambience

### ITEA Embedded software solutions

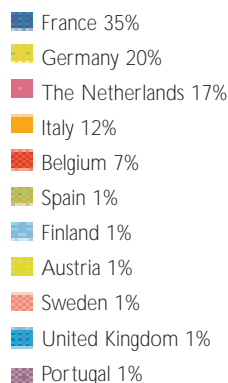
The ITEA cluster stimulates and supports projects designed to give European industry a leading edge in embedded software and software-intensive systems. Europe's leadership in this fast-moving sector is crucial to securing future competitiveness in a wide range of industries, including consumer electronics, telecommunications, avionics, the automotive industry and the health sector.

### Ambient intelligence

Representative of the cluster is project AMBIENCE, comprising 19 partners from seven countries, which aims to develop key capabilities needed for the creation of ambient intelligent environments, systems and products. Ambient intelligence refers to an exciting new concept in information technology which empowers people and improves their quality of life by providing a digital environment that is conscious of their presence, and both sensitive and responsive to their needs, habits, gestures and emotions.

To date, the project has generated concepts for these ambient intelligent environments and investigated the architectures, methods and tools required to develop and power them. The project team is currently in the process of integrating the relevant technologies into prototype systems for demonstrating and evaluating home, professional and indoor mobile applications. Systems currently in development include an ambient intelligent home which boasts an interactive personal robot; a smart design studio controlled by a variety of means, including speech and gesture; an intelligent office with the potential for remote linking and office environments which enable the occupants to locate people, places and meetings through the use of intelligent positioning systems.

For further information about ITEA visit:  
[www.itea-office.org](http://www.itea-office.org)



Committed public and private funding to clusters during the Chair year by member on 30 June 2003

### Ongoing cluster projects on 30 June 2003

		Value of ongoing projects (m€)
Microelectronics	MEDEA+	2116
Software intensive systems	ITEA	816
Packaging and interconnections	PIDEA	244
Microsystems technology	EURIMUS	114
Recycling electronic components	SCARE	23
Robotics	FACTORY DNA	16
Forest sustainability	EUROFOREST	8

Two other cluster programmes, PIDEA and EURIMUS, also focus on the information technology sector. For further information about these clusters visit their websites at [www.pidea.com.fr](http://www.pidea.com.fr) and [www.eurimus.com](http://www.eurimus.com).