

MonAMI

Mainstreaming on Ambient Intelligence

www.monami.info



Objective

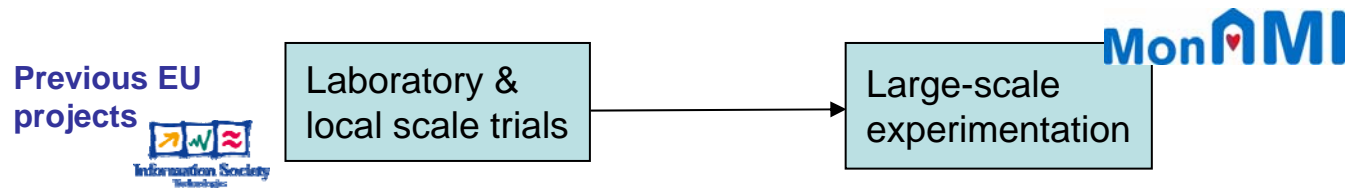
- **Mainstream accessibility** in consumer goods and services, including public services, through applied research and development, using advanced technologies to help ensure equal access, independent living and participation for all in the Information Society.
- The MonAMI project will demonstrate that accessible, useful services for elderly and persons with disabilities living at home can be delivered in mainstream systems and platforms. This will be done in close cooperation with users and by involving key mainstream actors throughout the whole process.

Ambient Intelligence – Aml: environment where people are surrounded by intelligent intuitive interfaces that are embedded in all kinds of objects and an environment that is capable of recognising and responding to the presence of different individuals in a seamless, unobtrusive and often invisible way.

Mainstreaming: services for elderly people and people with disabilities are part of the ordinary supply of services offered to the general public.

Services

- Previous European projects have shown that technological augmentation of the living space can help elderly people and people with disabilities to carry out daily living tasks increase their quality of life, thus reducing the need for institutional and other care. Unfortunately, the results of these projects have often stayed in the laboratory or only been implemented on a small, local scale. MonAMI will build on these experiences and aim for large-scale mainstream deployment.



- Bouquets of services and applications will be selected and developed with a "Design for All" approach together with potential users in the following areas:

- health
- safety and security
- communication and information
- activity planning
- comfort applications

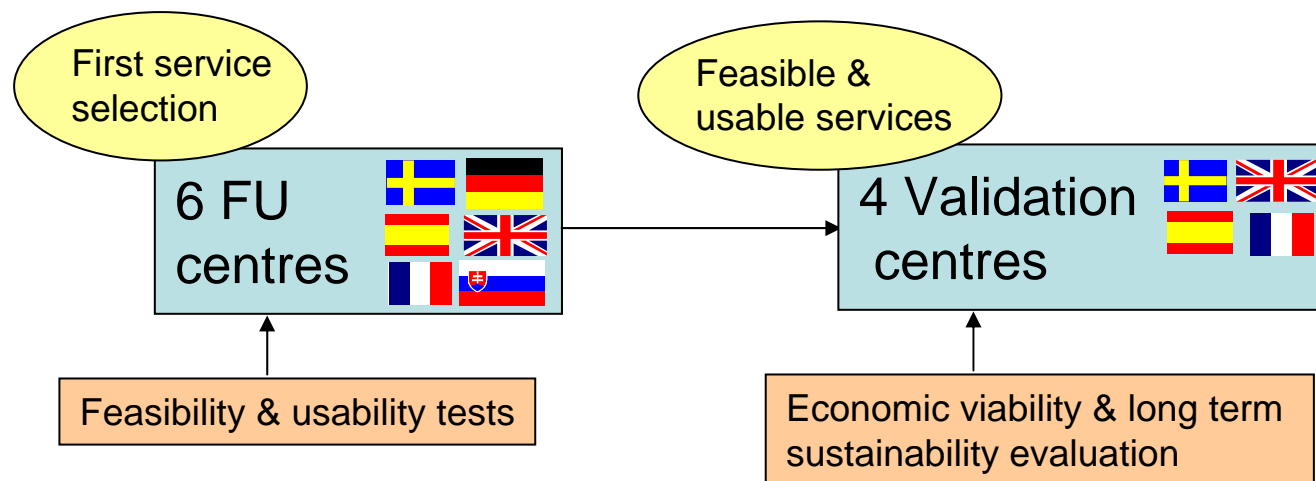


Technology

- The platforms to deliver the services will be derived from standard technology. They will integrate elements such as reliable self-organizing networks, wearable devices, user interaction technology, monitoring capability and service infrastructures that ensure quality of service, reliability and privacy.
- The services will be delivered on mainstream devices and services such as digital TV, third-generation mobile telephones and broadband Internet. To facilitate use and user interaction, MonAMI will develop an innovative interface, involving an embodied conversational agent.

Tests

- The selected services will first be tested in six Feasibility and Usability centers with user tests in lab-like conditions. (Spain, Sweden, France, UK, Germany and Slovakia)
- Once the services and applications have been found to be feasible, usable and appropriate to user needs, large-scale validation will be carried out in Validation centers in four countries (Spain, Sweden, France, UK)
- Hundreds of users will try out the services in their homes and the impact and consequences will be analysed.
- The economic viability and long term sustainability of the services will be addressed in order to facilitate real mainstream implementation.



Short Facts

- 14 partners, from 7 EU countries:
 - **Swedish Handicap Institute,* Sweden**
 - Electricité de France, France
 - Europ Assistance, France
 - France Telecom, France
 - HMC International, Belgium
 - London School of Economics, United Kingdom
 - OpenHub, United Kingdom
 - Royal Institute of Technology Sweden
 - Siemens IT Solutions and Services, Germany
 - Technical University of Košice, Slovakia
 - Telefónica I+D, Spain
 - Trialog, France
 - University of Passau, Germany
 - University of Zaragoza, Spain
- Strategic Objective: eInclusion
- Funding: EU 6th Framework Programme,
- Total budgeted cost: 13 720 953 Euro
- Starting date: 1 September 2006
- Duration: 48 months (4 years)

