

HSH Key Components and Services

- Monitoring and Alarm Handling Services

- Touch-screen Base Unit (In-Touch)



- Elderly-friendly mobile unit (Mambo)



- Medical devices



- Environmental sensors

- Behavioural analysis and monitoring

- HOME SWEET HOME Portal



- eInclusion Services



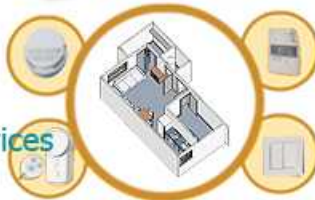
- Navigation Services

- Behavioural analysis

- Daily Scheduler

- Cognitive training Services

- Domotic Services



European Consortium



Home Sweet Home



Home Sweet Home

Health monitoring and social integration environment for Supporting Wide Extension of independent life at HOME



Project number 250449
Programme CIP-ICT-PSP

<http://www.homesweethome-project.eu>
Mail: info@homesweethome-project.eu



The challenge

Population in Europe is experiencing a major demographic shift. Between now and 2025, the proportion of the population over 65 will increase from 20% to 28%. This poses a huge challenge for most European countries; they will be facing severe economic and personnel shortage problems while supporting a growing elder population. At the same time, new requirements are emerging for health, social inclusion, policy making, access to public services and lifelong participation. A key approach to address this challenge is to identify and invest in ICT based solutions that support older people living independently at home.



The Project






The HSH project is funded by the European Commission under the Competitiveness and Innovation Programme (CIP-PSP).

Home Sweet Home provides an integrated care environment addressing social and health services that combines, in a simple to use solution, monitoring, inclusive and domotic tools covering the essential needs of the elderly.

The project started March 2010 and will last 36 months, 27 of which will be devoted to validate the HSH solution in well defined and comprehensive trials. The Consortium comprises 18 public and private organizations from four countries of the European Union.

The objectives



Home Sweet Home is piloting and assessing a new, economically sustainable comprehensive set of home assistance services. The HSH solution will allow to:

-  Substantially extend the independent living of elderly people, improving their quality of life, while providing a level of safety equivalent to or better than that enjoyed in residential homes.
-  Improve the elderly people health monitoring and mental fitness by cognitive training.
-  Improve social connection of elderly people through an intuitive videoconferencing system, which is based on the familiar combination of a TV set and infrared remote control.
-  Support elderly people in their daily life activities through the scheduler service.
-  Improve the quality of life of caregivers and relatives by offering both respite from the care routine and peace of mind when they are away, knowing that their loved ones are fully monitored.



 Compensate for growing physical impairments by easy-to-use domotic devices which make it possible to literally “manage the house from an armchair” if elderly people are no longer able to move around easily.

The results and the benefits




HSH will help to demonstrate that:

-  IT based services support a safe environment for elderly people wishing to continue living independently at home.
-  These services can be used by elderly people who have never previously been exposed to technology, even those having some physical impairments.

HSH will prove:

-  Economical feasibility of the services, to be deployed on a large scale.
-  The return of investment (ROI) by reducing costs in other areas of health and social care provision.

HSH will assess the impact:

-  By operating a 27-month pilots in four different regions, using the rigorosity of multicentre randomised control trials. The results will become publishable in respected scientific journals.
-  By producing business cases that will be based on hard evidence and will be “sellable” to health and social care buyers, providers and final users.
-  By producing evidence that should open the door to the mass deployment of technology-based solutions which can alleviate one of the biggest societal problems our countries are facing today.