AMBIENT ASSISTED LIVING

JOINT PROGRAMME

AAL AMBIENT ASSISTED LIVING

ICT for ageing well

Catalogue of Projects 2012

It is with great pleasure and pride, that we present the latest summary of projects from the Ambient Assisted Living Joint Programme (AALJP), launched as part of our annual flagship event - the AAL Forum 2012.

This catalogue provides an overview of the 102 projects that have resulted from the first four calls published by the AALJP. This is an insight into the products, systems and services that are being developed by hundreds of small and medium enterprises, research, user organisations and others, throughout Europe.

Towards a smarter future

How cost-effective health and social care could be delivered in the future, and lead to a growth opportunity for European businesses

Mike BIDDLE
President of the
Ambient Assisted
Living Association

The AALJP is a funding activity that started in 2008, with 23 countries working together to develop a joint programme of activity to improve the quality of life for older adults through the application of Information and Communication Technology (ICT). The programme co-funds projects between at least three partners from our partner states (Austria, Belgium, Cyprus, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Israel, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Slovenia, Spain, Sweden, Switzerland and the United Kingdom).

Our most important achievement so far has been the supply chains that have been built and consolidated across this emerging sector, connecting SMEs and other organisations with new suppliers and customers. As a result, the programme is well positioned to drive opportunities for economic growth across Europe that the demographic shift represents.

We promote market and user driven activity and fund applied projects that will be two to three years from market at project completion. Systematic involvement of end-users across all phases and countries in AAL projects has been found to improve market acceptability of products and service and, more importantly, lead to better quality of life.

The AAL JP aims to inspire the social, technological and business innovation to deliver:

- New models of service delivery and care that increase independence for older adults and greater support for informal carers;
- New ways for older adults to remain active and connected to society, including contributing as volunteers or providing mutual support;
- Active and trusted networks to provide various levels of support, whether the carers are formal, informal, professional or in kind.

To successfully introduce the validated products, services and solutions that are needed, the real needs and desires of older adults and their carers need to be addressed. No single European country can achieve this by working alone but by working together with close support and joint funding from the European Commission, we have started to show how cost-effective health and social care could be delivered in the future, and lead to a growth opportunity for European businesses.

We hope that you are as excited by the projects in this catalogue as we are and we look forward to working with you in the future, for the benefit of individuals, health and care systems and growth of the European economy.

Ambient Assisted Joint Programme is an activity of the **Ambient Assisted Living Association**
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AMBIENT
ASSISTED
LIVING

CALL 1

ICT based solutions
for Prevention and Management
of Chronic Conditions
of Elderly People

Adaptive Ambient Empowerment of the Elderly

A²E²

Adaptive Ambient Empowerment for the Elderly

End-users are involved in several phases of the project, including focus groups, pilots and an effectiveness study. Three groups of end user are used: eldery clients, care professionals and care researchers. User requirements are based on info from these groups and based on state of the art scientific literature. Based on this info a behavioral and motivational enrichment program is designed. Personal virtual coaches are created who help them to find the right balance between activity and rest throughout each day. A sensor platform is built and integrated to the virtual coach system platform. The coach is connected to several bio-sensors including activity sensors, blobo's, blood pressure- and weight sensors for interaction and adaptive feedback. This daily organizational structure is designed by a care program manager and researchers through a simple interface to create and arrange events for the client. Using this interface, the program manager can set the speech, language, and emotional character of the virtual coaches.

PARTNERS

VUA University Amsterdam	R&D	The Netherlands	www.vu.nl
Hospital IT AS	SME	Norway	www.hospitaltiy.no
Mawell	SME	Finland	www.mawell.fi
AMSTA	End-users	The Netherlands	www.amsta.nl
VTT	R&D	Finland	www.vtt.fi

Name of the project:
A2E2: Adaptive Ambient Empowerment for the Elderly

Coordinator:
VUA University Amsterdam, Peter H.M.P. Roelofsma

Duration: May 1st 2009 – April 30th 2013

Starting date: May 1st 2009

Total budget: € 3.074.485,72

Public contribution: € 2.024.721.72

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Website: www.a2e2.eu

AGNES

User-sensitive Home-based Systems for Successful Ageing in a Networked Society

AGNES will start by providing a basic ICT platform to create and maintain an easy-to-use web-based social network for individual elderly persons. This platform will be used to stimulate the elderly person. Timely information will be passed to the network on the activities and subjective state of the elderly person (e.g. presence, state of wellness, etc) allowing for a much better-tailored and timely response, attention and care so as to improve and maintain the well-being and independence of the elderly living in their own homes and reduce healthcare costs.

The project will address chronic conditions such as mild cognitive impairment, and develop and test solutions to alleviate and/or prevent them.

Informal carers, friends and family members will have greater access to information about the person, and those at a distance will be enabled to keep in touch and share activities with their elderly family member or friend, and to know their current condition.

PARTNERS

Umeå University, Dept. of Informatics	R&D	Sweden	http://www.umu.se/
Can Controls	SME	Germany	http://www.cancontrols.com/
Athens Information Technology	R&D	Greece	http://www.ait.gr/
Graz University of Technology	R&D	Austria	http://portal.tugraz.at/
Universidad Nacional de Educación a Distancia	End-users, R&D	Spain	http://portal.uned.es/
ModernFamilies	SME	Austria	http://www.modernfamilies.net
Kendro Merimnas Oikoyennias kai Pediou	End-users	Greece	http://www.kmop.gr/
ONDA Communication S.p.A.	Business	Italy	http://www.ondacommunication.com
Fundacion Instituto Gerontologico Matia	End-users	Spain	http://www.ingema.es/
Skellefteå Kommun	End-users	Sweden	http://www.skelleftea.se/

Name of the project:
AGNES : User-sensitive Home-based Systems for Successful Ageing in a Networked Society

Coordinator: John Waterworth

Duration: 36 months

Starting date: 1 September 2009

Total budget: € 3.635.370

Public contribution: € 2.045.816

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ALADDIN

A technology pLatform for the Assisted living of Dementia elDerly INdividuals and their carers

The *Carer's Client Application* is used at home by carers and patients to access the services of the ALADDIN platform securely. Carers fill in the ALADDIN questionnaire for neuropsychological assessment from home, allowing for the patients' cognitive, behavioural and functional assessment. Physiological parameters (body weight and blood pressure) are recorded and submitted by the carer using the application.

The Server Application is the core of the platform. It implements the basic functionalities of the platform, provides secure communication with client applications, stores the information about patients and carers, provides the possibility to exchange information with external Hospital Information Systems (HIS).

The third part of the platform is External Services provided by external web portals. There are two types of services involved: cognitive games and a social network.

The Start Page of the Carer's Client Application which gives access to the various system services

PARTNERS

Institute of Communication & Computer Systems	R&D	Greece	www.iccs.gr
Fraunhofer-Institute for Open Communication Systems	R&D	Germany	www.fokus.fraunhofer.de
Alma Mater Studiorum-Universita di Bologna	R&D	Italy	http://www.eng.unibo.it
Psychiatric Hospital of Attica	End-User	Greece	http://www.ucl.ac.uk/ion/nationalhospital
The National Hospital for Neurology & Neurosurgery	End-User	United Kingdom	http://www.ucl.ac.uk/ion/nationalhospital
Badalona Serveis Assistencials	End-User	Spain	http://www.bsa.cat
ATOS Origin	Large enterprise	Spain	http://www.atosresearch.eu
Aethia Srl	SME	Italy	http://www.aethia.com

Name of the project :
ALADDIN / A technology pLatform for the Assisted living of Dementia elDerly INdividuals and their carers

Coordinator: Dr. Maria Haritou

Duration: 27 months

Starting date: 1 September 2009

Total budget: € 1.970.322,97

Public contribution: € 1.471.673,94

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AMICA

Autonomy Motivation & Individual Self-Management for COPD patients

A simple idea behind COPD exacerbations detection complexities

What does a physician normally do in consultations?	What does AMICA do?
Questions related to the illness	Medical Questionnaire
Auscultation	Patient self-auscultation

Generally speaking, AMICA tries to emulate the medical consultation at home: auscultation and interview. To achieve this, a series of physiological signals are obtained daily by means of an ad-hoc sensor. This information is then extended by that provided by the patient interacting with a Dedicated Mobile Device. By combining information coming from sensors and provided for the patient, the system is able to set off medical alarms, modify small aspects of the patients' treatment program or lifestyle, or even suggest hospitalization.

PARTNERS

University of Cadiz	R&D	Spain	http://www.uca.es
Puerta del Mar University Hospital of Cadiz	End-users	Spain	http://www.juntadeandalucia.es/fundacionprogresoysalud/
Institute of Communication and Computer System	R&D	Greece	http://www.iccs.gr/
Forschungszentrum Informatik	R&D	Germany	http://www.fzi.de/index.php/en/
MSC Hispania	SME	Spain	http://www.msc-ge.com/de/home/home/index.html
Vitaphone	Business	Germany	http://www.vitaphone.de/
Innovaciones Socio Sanitarias	SME	Spain	http://www.sociosanitarias.com

Name of the project :
AMICA: Autonomy Motivation & Individual Self-Management for COPD patients

Coordinator: Luis Felipe Crespo Foix. University of Cadiz (Spain)

Duration: 3 years

Starting date: April 2009

Total budget: 2.941.362€

Public contribution: 2.784.181€

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BEDMOND

Behaviour pattern based assistant for the early detection and management of neurodegenerative diseases

There is considerable interest in the ability to diagnose dementia of the Alzheimer type in the earliest possible stage of the disease.
It is known that people with Mild Cognitive Impairment (MCI) have a higher risk of developing Alzheimer. Its first indicators are subtly manifested in patients' daily behaviour patterns. Thus, an interest emerged for developing a technological system that can record and code behavioural changes occurring in the daily life of elderly persons applying low level sensors in the home. And this is, indeed, BEDMOND scope: an ICT-based system for the early detection of Alzheimer's disease (AD) and other neurodegenerative diseases on the basis of data assessment with health professional criteria. It addresses a system that supports the decision making process for the doctor for an early diagnosis, automating the information process related, first, to the recognition and modelling of the daily activity performed by the elder while being at home and, then, to the interpretation of deviations and behavioural changes detected.
Technology in use is based on standards and open source, and interoperability, modularity and scalability criteria. User involvement is tackled under a user-centric interactive process for design and development, ending with field trials for real testing in real environment.

PARTNERS

TECNALIA Research and Innovation Foundation (formerly ROBOTIKER Foundation)	R&D	Spain	www.tecnalia.com
INGEMA Foundation	End user, R&D	Spain	www.ingema.es
IBERNEX Ingeniería, S.L.	Business, SME	Spain	www.ibernex.es
AIT Austrian Institute of Technology GmbH	R&D	Austria	www.ait.at
Center for Usability Research & Engineering GmbH (CURE)	R&D	Austria	www.cure.at
METICUBE, Software Engineering	Business, SME	Portugal	www.meticube.com

Name of the project :
BEDMOND / Behaviour pattern based assistant for the early detection and management of neurodegenerative diseases

Coordinator: TECNALIA RESEARCH AND INNOVATION (Spain) / Health Technologies Unit

Duration: 36 MONTHS

Starting date: 1 June 2009

Total budget: 2,379,179.20 €

Public contribution: 1,378,564.51 €

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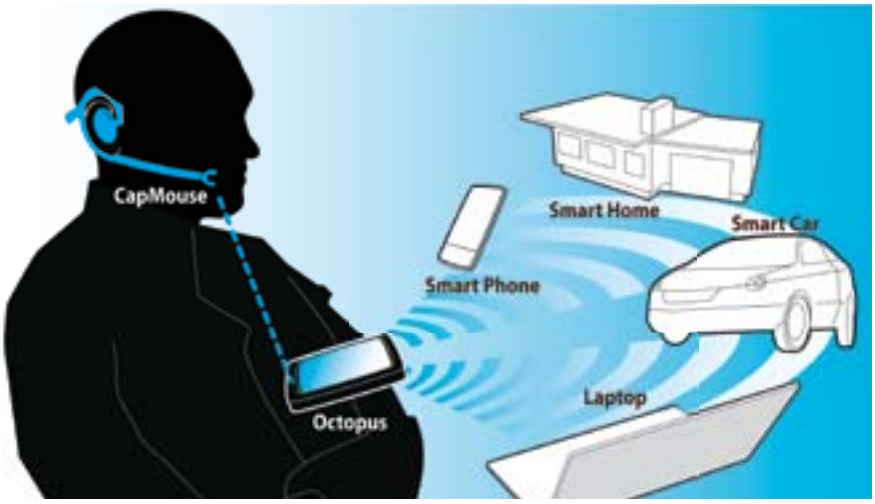
CAPMOUSE

In The CapMouse project the essential Research & Development focus on the capacitive sensors and the interface for Octopus, i.e. the mobile, smart device.
The CapMouse/Octopus will connect with a cable and USB.
A Headset shall be prepared, by Lots Design, for only one sensor arm with 5 sensors and the sensors connect via PC to UART to I2C to sensor to sensor plate - a series of highly innovative technical development steps that is executed by Brusell Dental, HMC International in cooperation. The end users have been involved from the beginning of the CapMouse project. The iterative testing continues and will be finished during 2011, conducted by Lots Design and PRO. At the mid-term review, in December 2010, a 6 Months extension of the project was granted.



PARTNERS

Brusell Dental AS	SME, R&D	Norway	www.brusell-dental.com/aal
PRO	End-users	Sweden	www.pro.se
HMC International	SME, R&D	Belgium	www.hmc-products.com
Lots Design	SME	Sweden	www.lotsdesign.se
Stinct	SME	Sweden	www.shiftdesign.se

Name of the project :
CAPMOUSE
Coordinator: Tomas Brusell
Duration: 36 Months
Starting date: 15062009
Total budget: 1,131,110 €
Public contribution: 540 000 €
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CARE

Safe Private Homes for Elderly Persons

This CARE initiative is an end-user driven R&D activity where end-users represent major market players in AAL activities as they are either elderly persons or they have direct relation and responsibility towards elderly persons ensuring their safety and independent living. The R&D consortium is well balanced where one third is research institutes (AIT, BME EMT), one third is SMEs (Everon, SensoCube) and one third is end-users (Senioren Wohnpark Weser in Germany and Yrjö & Hanna in Finland). Selected elderly homes of the partner end-users are used for the evaluation and demonstration of the CARE concept.

In the early phase of the project, it was necessary to perform interviews of end-users: more than 200 end-users (primary, secondary and tertiary) in Austria, Finland, Germany and Hungary were questioned. The interviewed end-users agreed that there is a definitive need for a fall detector at elderly homes and that the actual fall detectors (e.g. wearable systems) are not satisfactory. Architecture of the biologically-inspired stereo vision sensor was designed and the sensor and algorithms for the detection of falls were developed. The CARE system is actually under testing and evaluation with first installations in Germany.

CARE System and Service

Developed CARE Stereo Vision System for Fall Detection

PARTNERS

AIT Austrian Institute of Technology (Coordinator)	R&D	Austria	www.ait.ac.at
SensoCube GmbH	SME	Germany	www.sensocube.com
Budapest University of Technology and Economics, Biomedical Engineering Knowledge Centre	R&D	Hungary	portal.bme.hu
Oy Everon Ab	SME	Finland	www.everon.net
Yrjö ja Hanna Ltd	End-user	Finland	www.yrjojahanna.fi
Senioren Wohnpark Weser GmbH	End-user	Germany	www.residenz-gruppe.de

Name of the project :
CARE / Safe Private Homes for Elderly Persons

Coordinator: Ahmed Nabil Belbachir

Duration: 30 months

Starting date: 1 July 2009

Total budget: 2.38M€

Public contribution: 1.73M€

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CCE

Connected Care for Elderly Persons Suffering from Dementia

The CCE dementia solutions comprises of connectivity between the different physical components, sensors, medication dispenser, server, Net TV, etc. The system consists in general of following hardware and software components:

- Philips Net TV that provides a user interface for a digital corkboard
- A digital corkboard application
- A set of sensors that monitor the behaviour and the activities of the assisted person
- A medication dispenser
- A dementia diary that documents daily activities for the assisted person
- A middleware platform that integrates all of the data

Pilots and demonstrations are currently underway in UK, Germany and Hungary to evaluate the MeMO-Net solution.

PARTNERS

Budapest University of Technology and Economics, Biomedical Engineering Knowledge Centre	University	HU	http://english.www.bme.hu/
Building Research Establishment	RTO	UK	www.bre.co.uk
Centrihealth	Industrial	UK	www.centrihealth.com/index.php
Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	RTO	DE	www.igd.fraunhofer.de/en www.iese.fraunhofer.de/index.jsp
Innomed Medical Inc.	Industrial	HU	www.innomed.hu/about_us
MedCom GmbH	Industrial	DE	www.medcom-online.de/
Hungarian Association of Home Care and Hospice	Association	HU	
Philips	Industrial	NL	www.philips.com/global/index.page
Peverel	Care home provider	UK	www.peverel.co.uk
User Interface Design GmbH	Industrial	DE	www.uid.com/en/home.html

Name of the project :
CCE – Connected Care for Elderly Persons Suffering from Dementia

Coordinator: Building Research Establishment Limited (BRE)

Duration: 3 years

Starting date: July 2009

Total budget: € 3 million

Public contribution: 50%

Contact: Dr. Ranjit Bassi
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Website: www.cceproject.eu

DOMEO

Domestic Robot for Domestic Assistance

DOMEO aims at helping elderly to stay longer and safer at home. By using advanced robotic technologies, DOMEO will also help caregivers in their daily work.

The DOMEO platform includes:

- 2 types of robots (cognitive and physical);
- Graphic and tactile interfaces;
- Voice recognition and speech synthesis;
- Cloud services for tele-presence;
- Tools for integration of various sensors and services.

The middleware software platform used for integration, is available in open-source, to make easier different implementations and scenarios.

DOMEO deals with all the aspects of assistive robotics:

- Robotic and internet technologies;
- Medical and non-medical sensors;
- Interface with home infrastructures;
- Ethical issues.

To demonstrate and validate the potential of open robotic platforms, intensive trials (lab trials, site demos, patients' homes field tests) are scheduled during the 3rd year.

PARTNERS

ROBOSOFT	SME	F	http://www.robosoft.fr
ISIR	R&D	F	http://www.isir.upmc.fr
CHUT	Hospital	F	http://www.chu-toulouse.fr
NILR	Rehabilitation Center	HU	http://rehabint.hu
TAS	Industry	F	http://www.thalesaleniaspace.com
TUW	R&D	AT	http://www.is.tuwien.ac.at
BME	R&D	HU	http://www.bme.hu
Meditech	SME	HU	http://www.meditech.com

Name of the project :
DOMEO

Coordinator: ROBOSOFT (France)

Duration: 36 Months

Starting date: 1 July 2009

Total budget: 2,4 M€

Public contribution: 90%

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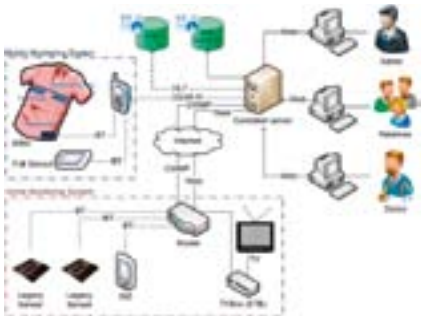
eCAALYX

Enhanced Complete Ambient Assisted Living Experiment

eCAALYX's objectives can be summarised as follows:

- Health monitoring of older and elderly persons with multiple chronic conditions, at home and on the move (the original CAALYX did not cover the health monitoring and management of older people with comorbidity).
- Improve the quality of life of elderly persons by increasing their freedom and safety. This is achieved by promptly detecting and controlling any decompensation episodes, so that their independent life at home can be extended and their hospitalisation or admission in nursing homes are avoided for longer periods. Besides improving the elderly person's quality of life, this approach will also result in various cost reductions and in relieving some of the growing burden on acute care/healthcare systems.
- Prevent deterioration of the patient condition by providing continuous support, guidance, and relevant health education (the original CAALYX did not have suchstrong home-based components for the delivery of education on leading a healthy lifestyle).
- Achieve all of the above goals by providing a solution that is commercially viable, acceptable by all users/stakeholders, reliable, long-term, flexible, scalable, and virtually maintenance-free in non-technical environments, thus suitable for real-world deployment.



PARTNERS

Fundació Privada CETEMMSA	R&D	Spain	http://www.cetemmsa.com
Telefónica Investigación y Desarrollo	R&D	Spain	http://www.tid.es/
INESC Porto – Instituto de Engenharia de Sistemas e Computadores do Porto	R&D	Portugal	http:// www.inescporto.pt
University of Plymouth Enterprise Ltd	R&D	United Kingdom	http://www.universityplymouth.com
University of Limerick	R&D	Ireland	http://www.ul.ie
Corscience GmbH & Co KG	SME	Deutschland	http://www.corscience.de
Fundació Hospital Comarcal Sant Antoni Abat	End-users	Spain	http://www.fhcsaa.cat/
Fraunhofer Portugal	R&D	Portugal	http://www.fraunhofer.pt
TeleMedic Systems, Ltd	SME	United Kingdom	http://www.telemedicsystems.com
Zentrum für Kardiovaskuläre Telemedizin GmbH	End-users	Deutschland	http://www.ccr.charite.de/
National University of Ireland, Galway	R&D	Ireland	http://www.nuigalway.ie

Name of the project :
eCAALYX / Enhanced Complete Ambient Assisted Living Experiment

Coordinator: Fundació Privada CETEMMSA)

Duration: 36 Months

Starting date: 1 May 2009

Total budget: 4.118.002 €

Public contribution: 2.689.499 €

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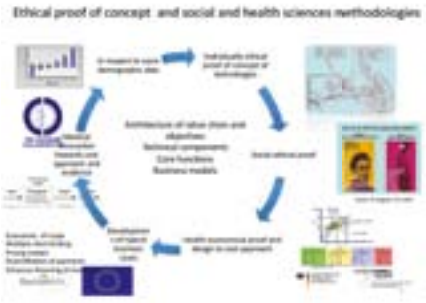
EMOTIONAAL

The Emotional Village: Integrated Preventive AAL concept for the rural Aging Society in Europa

The aim of EMOTIONAAL is to develop an integrated healthcare-concept for elderly people in rural areas in Europe This includes the four important innovations:

- An integrated services platform collecting data from a variety of biosensors to permanently monitor the medical status of the users.
- The Plug&Care connector, an interface to link any additional product or service supplier to the system.
- Newly to developed nanosensors to measure additional data. Those sensors will provide feedback for the user enabling him to detect and prevent potentially unhealthy conditions, life styles and nutrition, especially for the fight against diabetes.
- An infrastructure of rural supply units serving as hubs for the users. The rural supply units (RSU) are village centres which integrate retail, service, communication and health facilities. The RSUs and the telemedicine system are closely related.



PARTNERS

B. Braun Melsungen AG (BBM)	Industry	Germany	www.bbraun.de
Protestant University of Applied Sciences DepT. of Health Sciences and Nursing, Darmstadt (EHD)	Research	Germany	/www.efh-darmstadt.de
Opsolution NanoPhotonics GmbH, Kassel (OPN)	Industry	Germany	www.opsolution.de/opn/D.htm
HD Projekte	Industry	Germany	www.hd-projekte.de
University of Marburg, Institute of Geography (UNIMR)	Research	Germany	www.uni-marburg.de/fb19
University of Kassel, Institute of Nanostructure and Analytics (INA)	Research	Germany	http://te.ina-kassel.de/
DIAK University Institute for Socio-Economic Sciences, Pieksämäkki, Finland (DIAK)	Research	Finland	http://english.diak.fi/
Vitaphone GmbH, Telemedical Services, Vienna, SME (VPH)	Industry	Austria	www.vitaphone.co.at/de
German Aerospace Centre, Cologne (DLR)	Industry	Germany	www.dlr.de
Activesoft LTD, Vakus, Finland, SME (AS)	Industry	Finland	www.activesoft.fi

Name of the project :
MOTIONAAL / Electronic Motion AAL Village

Coordinator: B. Braun Melsungen AG (BBM)

Duration: 3 years

Starting date: 1 July 2009

Total budget: € 3.2 Mio

Public contribution: € 1.6 Mio

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H@H

Health@Home

By using wearable sensors patients' physio-pathological cardiovascular and respiratory parameters are acquired and transferred to a remote server. The gathered data are continuously monitored by an automatic processing system and accessible by the medical staff, who can take action in case of necessity. The H@H system, which is based on a Operating Protocol (OP), is directly integrated with the Hospital Information System (HIS). The OP consists of a set of actions that the patient must follow during the monitoring. The OP can be customized depending on the patient's needs and possible disease evolution when necessary. The actions are simple tasks like taking measurements or replying to simple questions. The system has the typical client/server architecture (see Figure 1). The client side is located at patient's home and consists of a home gateway and a set of biomedical sensors (see Figure 2). The server side, installed at the health service facilities, accepts and processes data from gateways making them available in the HIS.

Figure 1 – H@H System Architecture

Figure 2 - Home gateway and sensors

PARTNERS

CONSORZIO PISA RICERCHE Scarl	Research organisation	ITALY	www.cpr.it
CARIBEL PROGRAMMAZIONE Srl	Big company	ITALY	www.caribel.it
CAEN Spa	SME	ITALY	www.caen.it
MEDIASOFT Ltd	SME	SLOVENIA	www.mediasoft.si
Fundación CITIC	Centre of Innovation and Technology	SPAIN	www.citic.es
Hospitales Universitarios «Virgen del Rocío"	Health institution	SPAIN	www.huvr.es
Fondazione Gabriele Monasterio	Health institution	ITALY	www.ifc.cnr.it/fgm
Zdravstveni Dom Koper	Health institution	SLOVENIA	www.zd-koper.si

Name of the project :
H@H / Health@Home

Coordinator: Consorzio Pisa Ricerche

Duration: 30 Months

Starting date: 1 February 2009

Total budget: 2.699.799 €

Public contribution: 1.178.600 €

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Website: http://www.health-at-home.eu/

HAPPY AGEING

A Home based APProach to the Years of AGEING

HAPPY AGEING system will be composed of three main modules:

- A lifestyle monitor, able to record main activities taking place in the home and compare them with habits of the monitored subject.
- A navigation assistant to support the user in moving in close environment.
- A personal assistant characterized by two main groups of functions:
  a) Support in reminding or performing actions;
  b) Support in searching for personal objects such as spectacles or keys all around the home.

End users, their families and carers constitute the core of the project: their needs and expectations will drive all the design and development phases and will be completely assessed in the final pilot phase.

The end-users involvement will be completed by a field trial on 15 older people, in three countries (IT, HU, NL), including the analysis of the technical achievements/requirements, acceptance and usability of the prototypes, ergonomics and psychological aspects, and data for the Cost Benefit Analysis.

PARTNERS

ISTITUTO NAZIONALE DI RIPOSO E CURA PER ANZIANI V.E. II (INRCA)	Research organization	Italy	www.inrca.it
FUNDACIÓ PRIVADA CETEMMSA (CETEMMSA)	Research organization	Spain	www.cetemmsa.com
SPEED AUTOMAZIONE Srl (SPD)	Company	Italy	www.speedautomazione.it
GLOBAL SECURITY INTELLIGENCE LIMITED (GSI)	SME, Business	United Kingdom	www.globalseci.com
AB.ACUS Srl (ABACUS)	SME	Italy	www.ab-acus.com
INSTITUTE OF SOCIOLOGY, HUNGARIAN ACADEMY OF SCIENCES (ISO)	Research organization	Hungary	http://socorg.socio.mta.hu/
ASSOCIATION OF CATHOLIC ORGANIZATIONS OF SENIOR CITIZENS (UNIEKBO)	End-users	The Netherlands	www.uniekbo.nl

Name of the project :
HAPPY AGEING / A Home based APProach to the Years of AGEING

Coordinator: Dr. Fiorella Marcellini – INRCA, IT

Duration: 28 Months

Starting date: 1 April 2009

Total budget: 1.673.779 €

Public contribution: 986.153 €

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HELP

Home-based Empowered Living for Parkinson's Disease Patients

The *HELP* Project consortium is designing a Health Monitoring System specifically targeted for the needs of Parkinson Disease (PD) patients.
Without treatment, PD progresses over 5–10 years to a rigid, a kinetic state in which patients are incapable of caring for themselves. Death frequently results from complications of immobility, including aspiration pneumonia or pulmonary embolism. The availability of effective pharmacological treatment has altered radically the prognosis of PD; in most cases, good functional mobility can be maintained for many years, and the life expectancy increased substantially. Primarily, therapies are aimed at minimizing symptoms and maximizing function and quality of life. However, intensive supportive care is needed, demanding the allocation of enormous resources besides the strictly medical ones. This suggests an alternative way to face PD, not only in managing patients at an individual level, but also in optimizing cost effectiveness of health care plans. The *HELP* System ("Home-based Empowered Living for Parkinson's disease patients" proposes solutions to improve quality of life of PD patients based on:

- A Body Sensor and Actuator Network (BS&AN) made up of portable/wearable and home devices to monitor health parameters (e.g. blood pressure) and body activity (e.g. to detect gait, absence of movement), and to release controlled quantity of drugs in an automatic fashion.
- A remote Point-of-Care unit to supervise the patients under clinical specialists control.

PARTNERS

Telefónica I+D	Telecom R&D company	Spain	www.tid.es
UPC	University	Spain	www.upc.cat
ABAT	Hospital	Spain	http://www.fhcsaa.cat/a52r.htm
NEVET	SME	Israel	http://www.maccabi4u.co.il/1781-he/Maccabi.aspx
Peh-Med	SME	Israel	http://www.peh-med.com/
Telecom Italia	Telecom	Italy	http://www.telecomitalia.com/
University of Palermo	University	Italy	http://portale.unipa.it/
HSG-IMIT	Research Centre	Germany	http://www.hsg-imit.de/
MSG	SME	Germany	http://mobile-solution-group.de/

Name of the project :
HELP / Home-based Empowered Living for Parkinson's Disease Patients

Coordinator: Jordi Rovira Simón

Duration: 3 years

Starting date: 1 June 2009

Total budget: 11.625 M€

Public contribution: 4.65 M€

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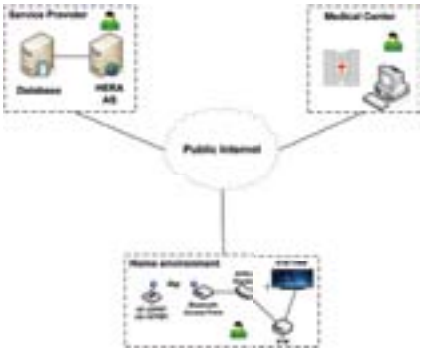
HERA

Home sERvices for specialised elderly Assisted living

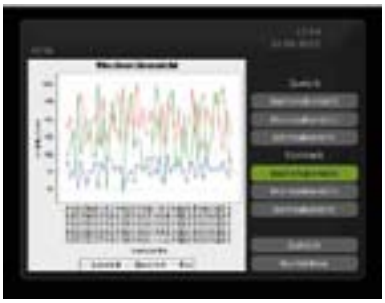
The HERA platform's architecture constitutes a **pragmatic approach**:

- All service functionality is provided at an external application server, which is accessible over the public Internet.
- The Internet-enabled TVs/Set-Top-Box provides the main Human Machine Interface for the elderly or the patient.
- The application server may communicate with other home equipment such as medical devices.

HERA includes HYGEIA hospital and FRK (Austrian Red Cross) who ensure the direct involvement of elderly users throughout the project lifetime. The consortium will carry out different installations of the platform in individual elderly households as well as centrally (at HYGEIA and FRK premises) so as to prove the efficiency of the HERA results and ensure that the final outcome really meets end user and market needs.



Platform Architecture



Blood Pressure monitoring service in AonTV

PARTNERS

A1 Telekom Austria AG	Business Partner / Technology Provider	Austria	www.telekom.at
ALCATEL-LUCENT Deutschland AG	Business Partner	Germany	www.alcatel-lucent.com
SingularLogic S.A	Technology Provider	Greece	www.singularlogic.eu
SOLINET GmbH	Technology Provider (SME)	Germany	www.singularlogic.eu
Paris Descartes University	Technology Provider (University)	France	www.univ-paris5.fr
RotesKreuz	End-user	Austria	http://www.roteskreuz.at/forschungsinstitut
DIAGNOSTIC AND THERAPEUTIC CENTER OF ATHENS- «HYGEIA» SOCIETE ANONYME	End-user	Greece	www.hygeia.gr

Name of the project :
HERA / Home sERvices for specialised elderly Assisted living

Coordinator: A1 Telekom Austria AG

Duration: 24 months

Starting date: 1 September 2009

Total budget: 2.549.293,28 €

Public contribution: 1.575.350,00 €

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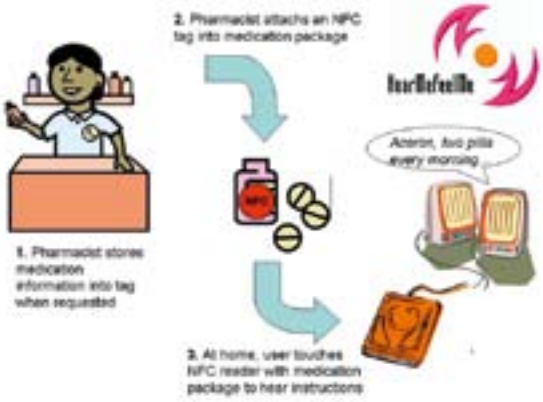
HMFM

HearMeFeelMe

The HearMeFeelMe project aims at developing ICT-based systems that provide elderly people with visual impairments an easy, simple and intuitive way to access information and digital services in their home environment, allowing them to (1) have equal opportunities to participate in all aspects of the society, (2) maintain their independency, avoiding dependency on others in order accessing information and services, and (3) improve the quality of life and individual wellbeing of the elderly.

The HearMeFeelMe project deals with the chronic condition of vision impairment. There are promising possibilities to support the visually impaired elderly in better managing their everyday lives with the help of modern information and communication technology. HMFM explores the possibilities for improving the quality of life by providing mobile service access for the visually impaired elderly using services related to medication and medicine related information and services.



PARTNERS

VTT	R&D	Finland	www.vtt.fi
FFVI	End-users	Finland	www.nkl.fi
Caritas Foundation	End-users	Finland	www.caritas-saatio.fi
Oulun 6. Jousten Apteekki	Business	Finland	
Top Tunniste	Business, SME	Finland	www.toptunniste.fi
Tecnalia	R&D	Spain	www.tecnalia.info
National Center for Scientific Research "Demokritos"	R&D	Greece	www.demokritos.gr

Name of the project :
HMFM / HearMeFeelMe

Coordinator: VTT Technical Research Centre of Finland

Duration: 29 months

Starting date: 1 July 2009

Total budget: 1,6 million €

Public contribution: 1,2 million €

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HOPE

Smart HOme for the elderly PEople

HOPE is a budgeted solution that is installed at the elderly people' homes, and provides services for (a) life-long, self-organized, appropriate educational environment and access to information, (b) care management and health support, (c) self-monitoring and decision making.
The HOPE solution consists of an integrated, smart platform that manages a smart home with different functionalities for security, fall detection and communication. The system can be split up into two main blocks: the Server Block and the Home Block, which represent the main agent and every subsystem at each elderly user's home respectively.

Home Block

The Home Block covers functionalities associated to each person's environment monitoring, indicating alarms when necessary.

Server Block

The Server Block is responsible of the "thinking", decision-making functionalities of the system, including the following ones:

- Storage all information from any Home System;
- Alarm service in case of a fall detection to caregivers and relatives;
- Common information used by services or applications at Home block or used by related or doctors applications;
- Evaluation of information and provision of rules for estimating the most appropriated scenario;
- Synchronization with all Home databases;
- Interfaces to relatives and doctor to access to the different services.

Figure 1: Scenario based Environmental and Home Health Care system architecture

PARTNERS

Rhodes Telematics SA (RTEL)	SME	Greece	www.rtel.gr
KMOP NGO	End-User	Greece	www.kmop.gr
TRACS srl	SME	Italy	www.tracs.it
FORUS Ltd	SME	Italy	www.forus.it
Unita Operativa Geriatra-Ricerca Gerontologia-Geriatria,	End-User	Italy	http://www.operapadrepio.it/it/
Andalusian Centre of Innovation, ICT (CITIC Foundation)	R&D	Spain	www.citic.es
CETEMMSA Technological Centre	R&D	Spain	www.cetemmsa.com
I2S SA	SME	Greece	www.i2s.gr

Name of the project :
HOPE / Smart HOme for the elderly PEople

Coordinator: Dimitrios Kilias (RTEL SA)

Duration: 24 months

Starting date: 7 July 2009

Total budget: 2.138.094,00 €

Public contribution: 1.029.199, 00 €

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IS-ACTIVE

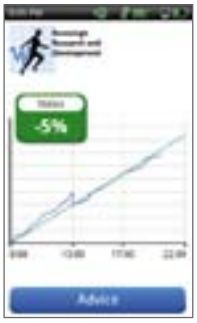
Inertial Sensing Systems for Advanced Chronic Condition Monitoring and Risk Prevention

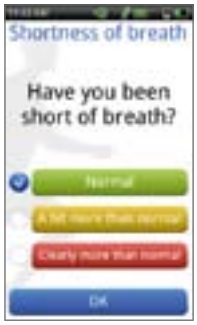
The project emphasizes the role of the home as care environment, by providing real-time support to patients. IS-ACTIVE proposes a combined technological solution, which uses intelligent miniaturized inertial sensing used for ambulatory human movement analysis, and wireless communication.

The IS-ACTIVE sensor-based system is meant to provide the patients:

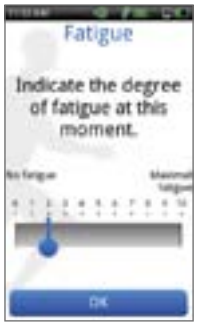
- An effective sensing system for daily use, which analyzes in real-time their physical activity and condition;
- An easy-to-use interface and a natural feedback, so that they become easily aware about the importance of self-management.

Field trials will be conducted in different locations and their results are expected to provide qualitative and quantitative indications on the system accuracy, robustness, reliability and usability, together with assessing the user experience regarding the motivation in self-managing the chronic condition.





Screenshots of the smart phone feedback device:



PARTNERS

University of Twente	R&D	The Netherlands	www.utwente.nl
Roessingh Research & Development	R&D, SME, End-users	The Netherlands	www.rrd.nl
Inertia Technology	R&D, SME	The Netherlands	www.inertia-technology.com
Norwegian Centre for Integrated Care and Telemedicine	R&D, End-user	Norway	www.telemed.no
NORUT Northern Research Institute	R&D	Norway	www.norut.no
University Hospital Elias	R&D, End-user	Romania	www.spitalul-elias.ro
PROSYS PC	R&D, SME	Romania	www.prosyspc.ro

Name of the project :
IS-ACTIVE / Inertial Sensing Systems for Advanced Chronic Condition Monitoring and Risk Prevention

Coordinator: Prof. Dr. Paul Havinga, University of Twente

Duration: 36 months

Starting date: 1 April2009

Total budget: 1,814,812 €

Public contribution: 1,394,777 €

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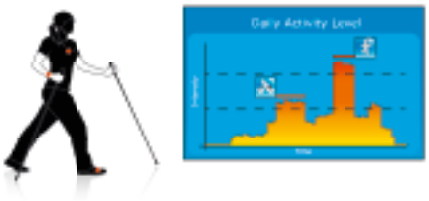
Website: www.is-active.eu

PAMAP

Physical Activity Monitoring for Aging People

The PAMAP system comprises two separate conceptual parts: information acquisition and information management. Information acquisition is based on a network of sensors, e.g. miniature inertial sensors, which are worn by the subjects in order to measure their motions and other vital signs. Innovative information processing technology is then used to extract the relevant parameters of physical activity. The information management system consists of the infrastructure and applications that enable the system users – the monitored subject, her family and friends, and the clinicians – to share, review and analyse the collected activity data, exchange information, communicate and interact.

A clinical study based on individualized exercise programs for fit and healthy elderly, cardiovascular and functional disease patients is planned at the end users site for the final project phase (November 2011 to March 2012).



Pamap Daily Activity Level

PARTNERS

DFKI	R&D, Coordinator	Germany	http://www.dfki.de
INTRACOM TELECOM	Business, R&D	Greece	http://www.intracom-telecom.com/
University of Compiegne	R&D	France	http://www.utc.fr/
TRIVISIO Prototyping GmbH	SME	Germany	http://www.trivisio.com/
Centre Hospitalier Universitaire de Rennes	End user	France	http://www.chu-rennes.fr/

Name of the project :
PAMAP / Physical Activity Monitoring for Aging People

Coordinator: Prof. Dr. Didier Stricker

Duration: 36 months

Starting date: 01 July 2009

Total budget: 2.771.929 €

Public contribution: 1.987.369 €

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REMOTE

Remote health and social care for independent living of isolated elderly with chronic conditions

Scale-up of existing research prototypes and development of new systems for collecting human- and context-related data will be deployed. These include wearables and sensors for detecting intra-oral miniature wetness and jaw movements, body temperature, heart rate, human posture, etc., as well as sensors and actuators to be installed in premises for providing context information, e.g., air temperature, human location and motion, etc.
Ultimately, to support professionals to identify and react collaboratively to health risks by monitoring at anytime and from anywhere real-time, activity and medical data of isolated elderly, the project introduces an innovative, ontology-driven, open reference architecture and platform that will enable interoperability, seamless connectivity and data sharing among different services.

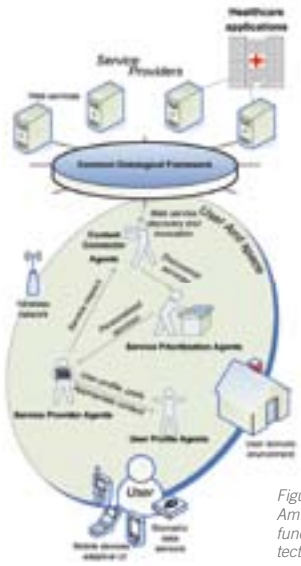

Figure 1. REMOTE AmI abstract and functional architecture

PARTNERS

SIEMENS S.A.	Large Enterprise	ES	www.siemens.com
TSB Soluciones S.A.	SME	ES	www.tsbtecnologias.es/inicio/index.php
Universidad Politecnica de Madrid	RES	ES	www.lst.tfo.upm.es
Fundación para la Investigación Médica Aplicada	RES	ES	www.cima.es
Saliwell (renamed to Peh-Med Ltd.)	SME	IS	www.saliwell.com
Centre for Research and Technology Hellas	RES	EL	www.certh.gr
Foundation for Research and Technology – Hellas	RES	EL	www.ics.forth.gr
Netscouts gemeinnuetzige GmbH	Applied Research	DE	www.netscouts-ggmbh.de
Abama Technologies S.L.	SME	ES	www.abama.es
University Hospital of North-Norway (UNN) - Norwegian Centre for Telemedicine	Non commercial organization	NO	http://telemed.no
The European Older People´s Platform	Non profit organisation	BE	www.age-platform.org/
Bluepoint IT Solutions	SME	RO	www.bluepoint-it.ro/
Medea SRL	SME	IT	www.medeaproject.eu
Fraunhofer-Institut für Biomedizinische Technik	Industrial Research	DE	www.ibmt.fraunhofer.de/fhg/ibmt_en/biomedical_engineering/biomedical_microsystems/index.jsp
Ortholine Ltd.	SME	IS	www.ortholine.co.il

Name of the project :
REMOTE / Remote health and social care for independent living of isolated elderly with chronic conditions

Coordinator: Prof. Nicos Maglaveras, Centre for Research and Technology Hellas

Duration: 36 months

Starting date: 1 June 2009

Total budget: 3.410.726 €

Public contribution: 2.249.194 €

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GR-570 01 Thermi,
Thessaloniki, Greece

Website: http://www.remote-project.eu/

RGS

Rehabilitation Gaming System

The RGS will develop and test a novel virtual reality based system for the rehabilitation at home of motor disabilities of the upper extremities of elderly people after stroke.
The Rehabilitation Gaming System (RGS) is a novel and highly innovative ICT Virtual Reality (VR) tool for the rehabilitation of motor deficits of the upper extremities after a brain lesion due to stroke. The system deploys an individualized and specific deficit oriented game training that combines movement execution with the observation of a correlated action by virtual limbs that are displayed in a first-person perspective. The RGS is based on the neurobiological considerations that plasticity of the brain remains motor areas affected by stroke remains throughout life and can thus be utilized to achieve functional reorganization of areas affected by stroke by means of the activation of secondary motor areas such as the so called mirror neurons system. As a multi-level adaptive tool, the RGS provides a task oriented game training with individualized graded complexity. Additionally, the system retains qualitative and quantitative information of the performance of the subject/player during the tasks, hence allowing for a detailed assessment of the deficits of the patient player and their recovery dynamics. The RGS proof of concept is currently being evaluated in a randomized clinical study and the initial results with 14 patients have demonstrated positive impact.

PARTNERS

Heinrich Heine Universität	R&D (University)	Germany	www.uni-duesseldorf.de
Guger Technologies OEG	R&D, Business-SME	Austria	www.gtec.at
Fund. Hospital Universitari Vall d'Hebron	R&D (hospital), end-user	Spain	www.vhir.org
Tyromotion	R&D, SME, business	Austria	www.tyromotion.com
Fundació IMIM	End-user (hospital), R&D	Spain	www.imim.es
Fundació TIC Salut	End user representative	Spain	www.ticsalut.cat

Name of the project :
Rehabilitation Gaming System (RGS), AAL-2008-1-119

Coordinator: Universitat Pompeu Fabra - UPF

Duration: 36 months

Starting date: 1 April 2009

Total budget: € 2,291,001

Public contribution: € 1,925,660

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ROSETTA

Guidance and Awareness Services for Independent Living

The functionalities of the ROSETTA system can be summarized as:

- Monitor activities of elderly persons with sensors.
- Generate alarm when unexpected/deviant (in) activity are predicted or detected (for example a falls).
- Generate warning when longer term deviations from the personal behaviour are detected.
- Support the elderly in carrying out daily and recreational activities.

The ROSETTA system will be designed, pretested and evaluated in field trials with users (elderly people with dementia and their (in)formal carers) in three countries: Belgium, Germany and The Netherlands. The evaluation will focus on:

- User friendliness and usefulness of the system.
- Impact of the system on the autonomy, quality of life and delay of nursing home admission of elderly people with chronic disabilities, and burden and feelings of competence of their informal carers.

A business model will be developed to implement the developed ROSETTA system in regular care arrangements for elderly people with progressive chronic disabilities.

PARTNERS

Eaton Electric BV	SME	Netherlands	www.eaton.com
AVICS BV	SME	Netherlands	www.avics.nl
Landsbond der Christelijke Mutualiteiten	End-user	Belgium	www.cm.be
CPS Europe BV	SME	Netherlands	www.cps-europe.nl
FRAUNHOFER-Gesellschaft zur Förderung der angewandten Forschung e.V.	R&D	Germany	www.iese.fraunhofer.de
I+	SME	Italy	www.ipiu.it
Novay	R&D	Netherlands	www.novay.nl
TNO Defense, Security and Safety	R&D	Netherlands	www.tno.nl
Vilans	R&D	Netherlands	www.vilans.nl
Vereniging voor Christelijk Hoger Onderwijs, Wetenschappelijk onderzoek en Patientenzorg, waarvan uitgaand VU medisch centrum	R&D	Netherlands	www.vumc.nl
Westpfalz-Klinikum GmbH	End-user	Germany	www.westpfalz-klinikum.de
Zorgpalet Baarn-Soest	End-user	Netherlands	www.zorgpaletbaarnsoest.nl
CIBEK technology + trading GmbH	SME	Germany	www.cibek.de

Situation Assessment using Smart Camera technology (AAPS)

Name of the project :
ROSETTA / Guidance and Awareness Services for Independent Living

Coordinator: Dr. I.P. Karkowski (TNO)

Duration: 36 months

Starting date: 1 June 2009

Total budget: 3.273.350,- €

Public contribution: 2.232.418,- €

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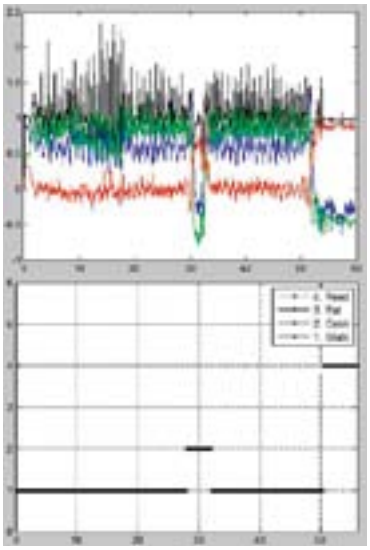
Website: www.aal-rosetta.eu

SOFTCARE

Unobstrusive plug and play kit for chronic condition monitoring based on customized behaviour recognition from wireless localization and remote sensoring

The SOFTCARE project (funded under the AAL JP) has developed a prototype of a monitoring system for seniors that allow carers (formal and informal) and senior users to get real-time alarms in dangerous or potentially dangerous situations and warnings on long-term trends that could indicate a future problem. This objective is achieved by the implementation of the designed Artificial Intelligence techniques that allow the recognition of daily activities based on the data obtained from an accelerometer (bracelet device) and location information. Users need to wear a bracelet containing a 3D-accelerometer and a Zigbee module that will communicate the bracelet (mobile node) with the rest of static devices on the user's home (one per room). Additionally, as a support tool, a full-duplex hands-free voice communications channel between emergency call-centre and seniors using SOFTCARE is also provided by the system using loudspeakers and microphones contained in the static nodes.



PARTNERS

Centre de Recerca I Innovació de Catalunya, S.A. (CRIC)	R&D SME	SPAIN	http://www.cric.cat/
Forschungsinstitut des Wiener Roten Kreuzes (FRK)	End-user	AUSTRIA	http://www.roteskreuz.at/wien/forschungsinstitut-des-roten-kreuzes/
MeshWorks Wireless Ltd. (MWW)	SME	FINLAND	http://www.meshworkswireless.com/
HealthSystems Group (HEALTHSYSTEMS)	SME	UNITED KINGDOM	http://www.healthsysconsult.co.uk/
Central European Institute of Technology CEIT RALTEC	End user & R&D	Austria	http://www.ceit.at/ceit-raltec

Name of the project :
SOFTCARE / unobstrusive plug and play kit for chronic condition monitoring based on customized behaviour
recognition from wireless localization and remote sensoring

Coordinator: CENTRE DE RECERCA I INNOVACIÓ DE CATALUNYA, S.A. (CRIC)

Duration: 36 months

Starting date: 1 November 2009

Total budget: 1.205.832,94 €

Public contribution: 649,834.99 €

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AMBIENT ASSISTED LIVING

CALL 2

ICT based solutions for Advancement of Social Interaction of Elderly People

3rD-LIFE

3D virtual environment for social interaction of elderly people

The users will be represented as avatars, since the accessibility, usability and navigation will be central points. The target group is mainly people from 60 to 75 years old without specific cognitive problems.
The operative objectives of the project will be:
To develop a fully functional 3-dimensional computer simulation platform, to design and create the content of the platform on 3D environment that will constitute the functionalities, visual aspect and interaction possibilities and to include existing tools and applications (interoperability), through new adaptations to be used in the 3D virtual environment.
3rD-Life aims to validate the final solution in pilot testings in two EU countries to ensure the reliability, usability and adaptability to the final users needs and to develop a detailed exploitation plan for the results of the project.
Finally 3rD-Life will disseminate the project results to final users, public administrations and research community.

PARTNERS

Fundación Instituto Gerontológico Matia-INGEMA	R&D	Spain	www.ingema.es
University of Ljubljana	University	Slovenja	www.ltfe.org/english/about/
One2tribe	SME	Poland	www.one2tribe.pl
Information & Image Management Systems	SME	Spain	www.ims.es
Center for usability research and engineering	R&D	Austria	www.cure.at

Name of the project :
3rD-LIFE / 3D virtual environment for social interaction of elderly people

Coordinator: Dr. Cristina Buiza

Duration: 18 months.

Starting date: 1 July 2011

Total budget: 1.7 Mil €

Public contribution: 1.03 Mil €

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ALIAS

The Adaptable Ambient Living Assistant

One focus of the project lies on questions of social acceptance of robot systems in general and in specific within the named user groups.
The consortium aims at integrating a commercial pilot that includes all state-of-the-art communication media. On top of the integration of existing solutions, two novelties will be introduced:

a) A novel cognitive user interface concept is introduced to ensure a good usability
b) A proactive behaviour of the robot platform will ensure that the user stays in contact with his surroundings and gets mentally stimulated;
c) The third unique selling point is a Brain-Computer-Interface (BCI) that will be included in order to train and preserve the mental functions of the user.

PARTNERS

Technische Universität München	R&D	DE	www.tum.de/
Technische Universität Ilmenau	R&D	DE	www.tu-ilmenau.de/
MetraLabs GmbH	SME	DE	www.metralabs.com/
cognesys GmbH	SME	DE	www.cognesys.de/
Eurecom	R&D	FR	www.eurecom.fr/
g.tec Guger Technologies OG	SME	AU	www.gtec.at/
Fraunhofer IDMT's project group Hearing, Speech and Audio Technology	R&D	DE	http://www.idmt.fraunhofer.de/hsa/
pme Familienservice GmbH	End-users	DE	www.familienservice.de/
Youse GmbH	SME	DE	www.youse.de/

Name of the project :
ALIAS / The Adaptable Ambient Living Assistant
Coordinator: Prof. Dr. -Ing. Frank Wallhoff
Duration: 36 months
Starting date: 1 July 2010
Total budget: 4.022.075 €
Public contribution: 2.529.165 €
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Website: http://www.aal-alias.eu/

ALICE

Advanced Lifestyle Improvement system & new Communication Experience

Elderly people often have limited mobility and may be housebound, often living some distance away from their friends and family. They can lose touch with their beloved ones and friends, becoming socially isolated and lonely. The overall objective of ALICE is to enhance the quality of life, sense of well-being, social interaction and connectivity of elderly people in their home environments.

ALICE will research, develop and integrate a set of ICT based services into the existing TV set, allowing elderly people to enjoy experiences of communication and social interaction based on ICT. By doing this, ALICE will lead the way for elderly people to remotely share moments of enjoyment, laughter and fun as if they were face-to-face with their loved ones. The central part, around which ALICE is developed, is a fit for purpose set-top box (STB) directly connected to an existing TV set.

PARTNERS

AT4 wireless S.A.	Business	Spain	www.at4wireless.com
JOANNEUM RESEARCH Forschungsgesellschaft mbH	Research	Austria	www.joanneum.at
Mens en Zorg BV	End User Partner	The Netherlands	www.mezorg.nl
ThuisConnect BV	SME	The Netherlands	www.thuisconnect.nl
ZYDACRON Austria GmbH	SME	Austria	www.zydacron.com

Name of the project :
ALICE / Advanced Lifestyle Improvement system & new Communication Experience

Coordinator: Kurt Majcen

Duration: 24 Months

Starting date: 1 March 2010

Total budget: 1.784.340 €

Public contribution: 1.114.126 €

Contact: Kurt Majcen
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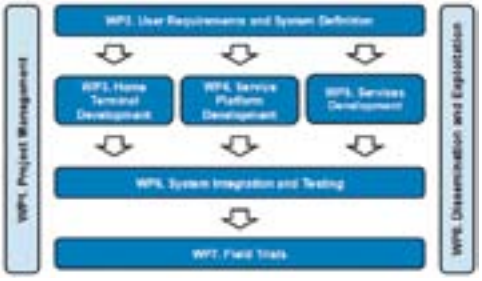
AMCOSOP

Ambient Communication for Sense of Presence

AMCOSOP project is aimed at elderly people, with the goal of reducing their loneliness and fear of isolation. This will be accomplished by providing its users a sense of presence with their relatives, friends, and health care personnel, and assuring that the elderly are never left alone. In this project a software platform for managing communication and user-friendly terminal devices is developed. Information from people in the safety net is collected and displayed in visible form to the elderly, giving them the ability to decide when to initiate social connections, other activities or connect to a service provided by the system.
With the system it is also possible to connect independently living people to service networks available in their region. As a new system is developed it brings new business opportunities for system developers, system administrators as well as for local system service integrators.



PARTNERS

Tampere University of Technology	University	Finland	www.tut.fi
Center for Usability Research & Engineering	Research Organisation	Austria	www.cure.at
Space Hellas S.A.	SME	Greece	www.space.gr
Saint George S.A.	SME	Greece	www.agge.gr
Pirkanmaan Senioripalvelu Oy	SME	Finland	www.pirkanmaansenioripalvelut.fi

Name of the project :
AMCOSOP / Ambient Communication for Sense of Presence

Coordinator: Prof. Jukka Vanhala, Tampere University of Technology

Duration: 30 Months

Starting date: 1 October 2010

Total budget: 2,406,849.00 €

Public contribution: 1,601,616.00 €

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AWARE

Ageing Workforce towards an Active Retirement

The platform developed in the AWARE is based on:

- Environment adaptation module;
- Sharing knowledge module: This module will enable workers to maintain an active role after retirement;
- ICT approach module: This module will be a trainer tool for the platform and the provided services.

The platform will be developed using open-source software and the system will be modular in design to maximize flexibility and extensibility.
Techniques of visual exploration and emotional analysis will be used to identify the preferences of ICT for the elderly people that they will use. This identification will be carried out with eye-tracking concept, monitoring and recording the way that people see a scene or image, the areas which fixes its attention, the time and the order to see the elements in their visual exploration.
A special attention will be focused in the pedagogical methodologies implemented in the platform (the educational models that will be considered will be: recreational, sociocultural, interactive, etc.).
The project aims at developing a Social Network totally designed basing on the requirements and the needs of the final users, and that will be integrated in the final platform with all the other modules.

PARTNERS

Instituto de Biomecánica de Valencia	Research Organisation	Spain	www.ibv.org
Calvet, Vila & Arriaga Consulting, S.L.	SME	Spain	www.cvaconsulting.com
Ayuntamiento de Gandía	Other	Spain	www.gandia.org
Unión Democrática de Pensionistas y Jubilados de España	User Organisation	Spain	www.mayoresudp.org
Media Touch	SME	Italy	www.mediatouch.it
Technische Universität Darmstadt (TUD), Institut für Arbeitswissenschaft	University	Germany	www.arbeitswissenschaft.de

Name of the project :
AWARE / Ageing Workforce towards an Active Retirement

Coordinator: Instituto de Biomecánica de Valencia (IBV)

Duration: 36 Months

Starting date: 01 July 2010

Total budget: 1.373.875 €

Public contribution: 747.330 €

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Website: aware.ibv.org

Co-Living

Virtual Collaborative Social Living Community for Elderly

Co-LIVING is based on an innovative Social Community network (SoCo-net), integrating different mobile wireless ICT based services addressing the elderly social interaction context categories of Care & Wellness, Guidance and Mobility monitoring. The solution will utilize and scale up the successfully developed IST FP6 mPower open source middleware platform to be applicable to the elderly social community interaction field achieving thus the expected Co-LIVING time-to-market perspective of 2 to 3 years after the project end. Co-LIVING target group is the big group of healthy elderly or with light physical or psychological health problems who are self-supporting, able to move around, and can still contribute actively. They find pleasure in getting help or stimulation to be active in an outward environment. The aim of choosing the specific target group is to prevent, or reduce the risk, that these people are spending most of their time at home as they get older for a variety of accumulated (physical, psychological, psycho-social and cultural) reasons.

PARTNERS

Orbis Medical and Healthcare Group	end-users	The Netherlands	http://www.orbisconcern.nl
Philips Electronics Nederland B.V.	Big Enterprise	The Netherlands	http://www.philips.nl
University of Cyprus	Research Organisation	Cyprus	http://www.cs.ucy.ac.cy/en/home
Stiftelsen SINTEF	Research Organisation	Norway	http://www.sintef.no/Home/
Instituto Pedro Nunes - Associação Para A Inovação E Desenvolvimento Em Ciência E Tecnologia	Research Organisation	Portugal	https://www.ipn.pt
Inovamais S.A	Small or medium enterprise	Portugal	http://www.inovamais.eu
Citard Services LTD	Small or medium enterprise	Cyprus	http://citard-serv.com/
Andago Ingeniería S.L.	Small or medium enterprise	Spain	http://www.andago.com/companias/
Trondheim Kommune	Type: end-users	Norway	http://www.trondheim.kommune.no/english/

Name of the project :
Co-Living / Virtual Collaborative Social Living Community for Elderly

Coordinator: Orbis Medical and Healthcare Group, R. Beumers

Duration: 36 Months

Starting date: 13 October 2010

Total budget: 3.888.588 €

Public contribution: 2.706.921 €

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Website: http://www.project-coliving.eu/

CONNECTED VITALITY

ConnectedVitalityNetwork

CVN

Nothing exceeds meeting people eye-to-eye but new telepresence technology provides, however the second best.
CVN results will be based on user oriented research of the elderly and elderly organisations, creating a network that supports:

- Family contact and activities – linking elderly with family, friends and relatives to support the social needs over distance;
- Care contact – linking elderly with their care professional and supporting the care plan;
- Community – linking elderly with the community based on shared interests, hobbies, pastimes and personal experiences.

PARTNERS

PresenceDisplays	The Netherlands	
Arvika Municipality		http://www.arvika.se/
Budapest University of Technology and Economics		http://emt.bme.hu/emt/
Famcorner		http://www.mygrandchild.com/
Fundación Andaluza de Servicios Sociales		http://www.juntadeandalucia.es/fundaciondeserviciossociales/
The Netherlands Institute for Health Promotion and Disease Prevention		http://www.nigz.nl/ http://www.sensire.nl/
University of Cyprus		http://www.cs.ucy.ac.cy/Sensire
University of Salzburg		http://www.icts.sbg.ac.at/

Name of the project :
ConnectedVitalityNetwork, CVN

Coordinator: Robbert Smit

Duration: 36 Months

Starting date: 1 June 2010

Total budget: 2.518.060 €

Public contribution: NN

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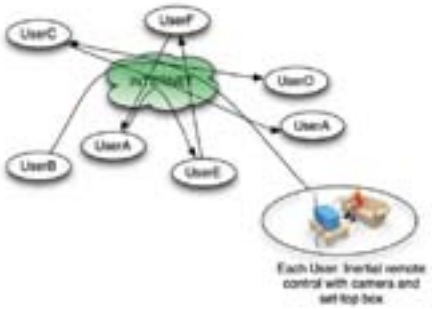
Website: www.connectedvitality.eu

Easyreach

Fostering social interactions of home-bound and less educated elderly people

The extensive verification and validation of the developed solution in real user contexts with the involvement of different groups of users will be one of the main characteristics of EasyReach. The goal will be to assess to which extent the solution meets the specific end user needs, how easily it can be accessed and used in spite of specific physical and/or cognitive age-related impairments and how much it is appealing and accepted by the users.
The project uses fairly new technology, e.g. inertial units implemented by MEMS, to break the barrier between the user and the IT components that provide the service. At the same time, the interface is based on a TV with its well-known and non-intimidating interaction protocols.
Key AI technology will be brought to bear from the areas of planning, for time line reasoning, and of logic for rule-based reasoning. The glue between all these components will be provided by the open-source social engine elgg.



PARTNERS

Università di Milano-Bicocca	UNI	IT	www.unimib.it
Fondazione Ugo Bordoni	RES	IT	www.fub.it
Consiglio Nazionale delle Ricerche - ISTC	RES	IT	www.istc.cnr.it
FIMI S.r.l.	LEA	IT	www.barco.com/en/medical/fimi
Center for Research and Technology	RES	GR	www.cereteth.gr
iKnowHow	SME	GR	www.iknowhow.gr
University of Potsdam	UNI	DE	www.uni-potsdam.de
Federazione Nazionale Pensionati CISL	USR	IT	fnp.cisl.it

Name of the project :
Easyreach -- Fostering social interactions of home-bound and less educated elderly people.Nov

Coordinator: UNIMIB

Duration: 28 Months

Starting date: 1 November 2010

Total budget: 3,190,173 €

Public contribution: 1,582,887 €

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Elder-Spaces

Managing Older People Social Relationships for better Communication, Activation and Interaction

Overall, Elder-Spaces will make sure that the platform appeals to people who are not familiar with technology without making users technophobes; on the contrary Elder-Spaces will be proposed as a means to optimizing quality of life (e.g., more recreation opportunities, improved healthcare and better mobility). In the Elder-Spaces world:

- Applications are delivered in a human-centric manner.
- Face-to-face contacts remain important and Elder-Spaces acts as a facilitator to such contacts.
- Working life is of primary importance, since it is a decisive factor affecting older people's social life and Elder-Spaces acts as a facilitator and promoter of the "older worker" concept.
- Elderly users participate in the evolution of the platform.

PARTNERS

BYTE COMPUTER S.A	Industry (SME)	Greece	http://www.byte.gr
ORIGO Ltd.	Industry (SME)	Hungary	http://www.origo.hu
Evangelische Stiftung Volmarstein, Forschungsinstitut Technologie und Behinderung	Industry	Germany	http://ftb-esv.de/
ANAPTYXIAKI ETAIREIA DIMOU TRIKKAION ANAPTYXIAKI ANONYMI ETAIREIA OTA - E-TRIKALA AE	SME	Greece	http://www.e-trikala.gr/
Semmelweis University	User Organization	Hungary	http://english.sote.hu/
SingularLogic Information Systems & Software Applications S.A.	Industry	Greece	http://www.singularlogic.eu/
Cybion Srl	Industry (SME)	Italy	http://www.cybion.it

Name of the project :
Elder-Spaces /Managing Older People Social Relationships for better Communication, Activation and Interaction

Coordinator: BYTE Computer S.A.

Duration: 30 Months

Starting date: 1 April 2011

Total budget: 2.423.859,00 €

Public contribution: 1.201.718,00 €

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ExCITE

Enabling Social Interaction through Embodiment

The ExCITE project methodology is highly inspired by a user-centric approach used for prototyping, validating and refining a solution in both multiple and evolving real contexts. In order for the results of the evaluations to be significant, prototype deployment must consider a large scale and a longitudinal perspective. This is possible in ExCITE because (1) a Giraff prototype designed to accommodate future needs already exists, (2) the members in the ExCITE project are geographically distributed in Italy, Spain and Sweden and (3) the end-user participation is closely tied to the consortium and project activities. Healthy adult volunteers have been selected at different end-user test sites. Each end user site has received a prototype to be tried and used for a period of time (up to 1 year). Currently test sites are on-going and the Giraff has already been improved technically and in user interface to address the challenges encountered. Feedback shows a very positive response from elderly and families and outlines the challenges in penetrating the organizations.

PARTNERS

Örebro University (coordinator)	Academic	Sweden	www.oru.se/nt
Giraff AB	SME	Sweden	www.giraff.org
Consiglio Nazionale delle Ricerche ISTC	Academic	Italy	www.istc.cnr.it/
RatioConsulta SpA	SME	Italy	www.ratioconsulta.it/
University of Malaga	Academic	Spain	www.uma.es/
Örebro City Council	End-users	Sweden	www.orebro.se

Name of the project :
ExCITE / Enabling Social Interaction through Embodiment

Coordinator: Silvia Coradeschi

Duration: 30 Months

Starting date: 1 July 2010

Total budget: 2.853.701 €

Public contribution: 1.448.430 €

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Express to Connect

Express to connect

User driven

The E2C project follows a user-driven methodology, which divides the innovation process into two overlapping phases: A WHAT phase that focuses on what to produce and a HOW phase, which focuses on how to produce it. The process has several iterations leading to a refinement of product/service as it is being conceptualized, made tangible, tested, adjusted and tested again.

Tipple bottom-line

Applying a user-driven methodology enables both incremental and radical product and service innovation, and integrates business model- with social innovation. As such the methodology is highly relevant when the aims are to improve 1) quality of life, 2) ensure sustainability of health and social services and 3) the creating of new jobs and business opportunities.

Data collection

The initial data collection has synthesized insights from the participating partners in relation to the issues of loneliness. Areas for further investigation were identified and validated trough user workshops in all participating countries. Based on the initial inputs, an ethnographic research scheme was developed. Based on that in depth interviews with elders has been conducted in Denmark, Sweden, Finland and The Netherland.

PARTNERS

Copenhagen Living Lab	SME	Denmark	www.copenhagenlivinglab.com
Waag Society	SME	The Netherlands	www.waag.org
Forum Virium Helsinki	R&D	Finland	www.forumvirium.fi
Laurea	R&D	Finland	www.laurea.fi/
Halmstad University	R&D	Sweden	www.halmstadlivinglab.se
Substanz	SME	Denmark	www.substanz.dk
Heutink	SME	The Netherlands	www.heutink.nl
Multimedia tables BV	SME	The Netherlands	www.verhalentafel.nl
Öresund Living Lab	R&D	Sweden	www.oresund.org
Halmstad Municipality	Public sector, end user	Sweden	www.halmstad.se

Name of the project :
Express to connect, E2C, AAL-2009-2-094

Coordinator: Thomas Hammer-Jakobsen

Duration: 3 years

Starting date: 1 March 2010

Total budget: 3.256.975 €

Public contribution: 1.776.369 €

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FamConnector

Activity Based Intergenerational Interactions

FamConnector offers groundbreaking innovation in the area of intergenerational connectivity through its main components. They include:

- A library of inter-generational activities - including several types of activities, that grandparents can explore with their grandchildren.
- Generic Inter-Generational Interactive System (GIGIS) - a back end and communication (audio and video) system that directs technical aspects of functioning and integrating FamConnector as a white label product.
- Resource Center –a database of online resources and more.
- Developer Zone- for developers and distribution

End user testing is fully integrated in the project, as a repeating cyclical process--mirroring the development process--to guarantee current feedback that reflects the current status of the project throughout its progression

PARTNERS

FamCorner, Ltd.	SME	Israel	www.mygrandchild.com
University of Salzburg	UNI	Austria	www.icts.uni-salzburg.at
Kotosalla Foundation	USR	Finland	www.kotosalla.fi
Hilfswerk Österreich	USR	Austria	www.hilfswerk.at
University of St.Gallen	UNI	Switzerland	www.unisg.ch
www.iwi.unisg.ch	R&D	Austria	www.ait.ac.at
terzstiftung	USR	Switzerland	www.terzstiftung.ch

Name of the project :
FamConnector: Activity Based Intergenerational Interactions

Coordinator: FamCorner ltd

Duration: 30 Months

Starting date: 01.04.2010

Total budget: € 1,527,639

Public contribution: € 996,541

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Website: http://famconnector.mygrandchild.com

FoSIBLE

Fostering Social Interactions for a Better Life of the Elderly

The FoSIBLE approach builds on TV-based Social Interaction technologies in the context of Smart Living Rooms, using entertainment console and social media technologies to provide communication, interaction & entertainment services.
To fulfil our aim, FoSIBLE activities are organized in such a way that functionalities are designed and implemented into components to address specific user requirements that can be combined to support full-scale application scenarios. FoSIBLE prototypes are developed using a user centred and participatory approach. End-users from Austria, Germany and France are involved in the project. In addition, the end-user organization Les Arcades is in charge of evaluating the potential benefits of the solution.

PARTNERS

University of Duisburg-Essen	R&D	Germany	www.interactivesystems.info
University of Siegen	R&D	Germany	www.uni-siegen.de
Fraunhofer Institute IMS	R&D	Germany	www.ims.fhg.de
University of Technology of Troyes	R&D	France	www.utt.fr
CURE – Center of Usability Research and Engineering	R&D	Austria	www.cure.at
AIT Austrian Institute of Technology GmbH	R&D	Austria	www.ait.ac.at
Mauser Einrichtungssysteme GmbH & Co. KG	Business	Germany	www.mauser-moebel.de
Kaasa Solution GmbH	SME	Germany	www.kaasa.com
Malakoff-Médéric Centre Les Arcades	End-Users	France	

Name of the project :
FoSIBLE / Fostering Social Interactions for a Better Life of the Elderly

Coordinator: University of Duisburg-Essen, Germany

Duration: 30 Months

Starting date: 01 May 2010

Total budget: TBC

Public contribution: TBC

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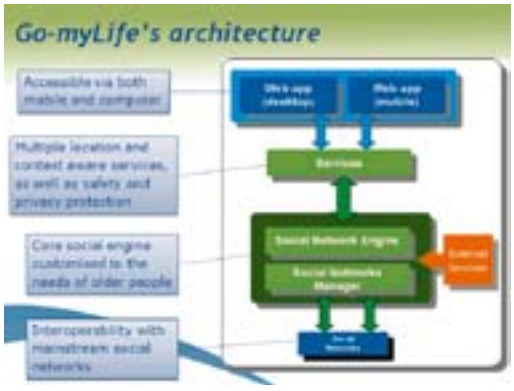
Website: http://fosible.eu/

Go-myLife

Going on line: my social Life

Go-myLife aims to improve the quality of life for older people through the use of online social networks combined with mobile technologies.
The *Go-myLife* architecture consists of a core social networking platform connected to disparate social networking sites through middleware that essentially addresses personalization, security and integration-related requirements, with an easy and accessible interface.
Other than controlling user access and authentication, the core platform will also manage privacy, trust and reputation through identity management and reputation systems. This will ensure that during any group interaction, users are aware of the information being shared and have aids available to control it. To assure interoperability and ubiquity, *Go-myLife* will provide a web-based solution



PARTNERS

Atos Origin	Big Enterprise	Spain	http://www.es.atosorigin.com/es-es/
The 451 group	SME	United Kingdom	http://www.the451group.com/
Institute of Communication & Computer Systems	R&D Institute	Greece	http://www.iccs.gr/
Zentrum fuer Soziale Innovation	R&D Institute	Austria	https://www.zsi.at/
IS Communications Ltd	SME	United Kingdom	http://www.iscommunications.co.uk/
Andago Ingeniería S.L.	SME	Spain	http://www.andago.com/
Stowarzyszenie Spoleczenstwa Wiedzy	SME	Poland	http://www.ssw.org.pl/

Name of the project :
Go-myLife / Going on line: my social Life
Coordinator: ATOS Origin (Spain)
Duration: 30 Months
Starting date: 1 July 2010
Total budget: ~2,4 M €
Public contribution: 1,5 M €
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08018 Barcelona
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Website: http://gomylife-project.eu/

HOMEdotOLD

home services advancing the social interaction of elderly people

The HOMEdotOLD project aims to provide a TV-based platform with cost-effective services that will be delivered in a personalised and intuitive way and will advance the social interaction of elderly people, aiming at improving the quality and joy of their home life, bridging distances and reinforcing social voluntariness and activation, thus preventing isolation and loneliness.
HOMEdotOLD will be primarily based on the Philips NetTV platform and secondarily on the A1TA AonTV platform. More specifically, the whole bouquet of services will be implemented and provided to the users of the Greek, Austrian and Dutch pilot sites.
The HOMEdotOLD consortium includes three partners who ensure the direct involvement of elderly users throughout the project lifetime, including requirements collection phase of the project, as well as the pilot trial activities that will take place at least twice during the project.

HOMEdotOLD Topology

HOMEdotOLD Entry page to the services (Austrian version)

PARTNERS

SingularLogic S.A.	Technology integrator	Greece	www.singularlogic.eu
A1 Telecom Austria	Technology provider	Austria	www.telekom.at
Philips Consumer Lifestyle B.V.	Technology provider	The Netherlands	www.philips.com
TELETEL SA	Technology provider (SME)	Greece	www.teletel.eu
SOLINET GmbH Telecommunications	Technology provider (SME)	Germany	www.solinet.com
THREE THIRDS SOCIETY	End user	Greece	
LifeTool gemeinnuetzige GmbH	End user & Technology provider (SME)	Austria	http://www.lifetool.at/
National Foundation for the Elderly	End user	The Netherlands	http://www.ouderenfonds.nl/

Name of the project :
HOMEdotOLD / home services advancing the social interaction of elderly people

Coordinator: SingularLogic S.A. Information Systems and Software Applications

Duration: 24 months

Starting date: 1 July 2010

Total budget: 3.305.458,00 €

Public contribution: 1.763,817,00 €

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Website: http://www.homedotold.eu/

HOPES

Help and social interaction for elderly On a multimedia Platform with E-Social best practices®

Taking into account end-users requirements, expectations and social experiences, HOPES will integrate a range of ICT-based solutions for:

- managing existing e-information by exhaustive search of existing data;
- then transforming selected information into personalised solutions;
- and finally providing validated solutions as "e-Social Best Practices" (SBP)®.

This stepwise process represents the "HOPES virtuous circle" for transforming raw data into knowledge (e-SBP®) with help of many European organisations (end users).

The technology will support interoperability and multiple roles as content user and provider, semantic technologies for semantic similarity reasoning and routing, human – system interfaces adapted to the elderly and a single but multilingual access point to share HOPES e-SBP® all over Europe.

HOPES added value

PARTNERS

GTN SAS	SME	France	www.gtn-grandtalentnetwork.com
Microsoft UK	Industry	UK	www.microsoft.com
Universität Stuttgart	University	Germany	www.uni-stuttgart.de
LUISS Guido Carli / CeRSI	Research	Italy	www.luiss.edu
Assistance Publique - Hôpitaux de Paris, Internal Medicine (geriatric unit), Avicenne Hospital (Bobigny - France)	Research	France	www.aphp.fr
Sport Initiative et Loisir Bleu	End User NGO	France	www.sielbleu.org
Cup2000	Industry	Italy	www.cup2000.it

Name of the project :
HOPES / Help and social interaction for elderly On a multimedia Platform with E-Social best practices®

Coordinator: GTN SAS

Duration: 30 months

Starting date: 1 September 2010

Total budget: 4,997,878 €

Public contribution: 2,607,085 €

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Website: www.hopes-project.org

Join-In

Senior Citizens Overcoming Barriers by Joining Fun Activities

Join-In aims to support the AAL Joint Programme by setting up a social platform and thus creating an environment that enables elderly people to communicate; socialise; play communicative multiplayer computer games; and exercise either by exergames or by moderated exercises. Join-In will support people maintaining and setting up contacts to others sharing similar interests -foremost on a regional basis- and facilitate contact to family and friends. Multiplayer video gaming, exergames and exercising in a group are considered key activities for attracting senior citizens to the network. Join-In will assess the user requirements aims to develop a methodology on how to best attract the target group to such a network. The technical developments of the project include

- A technical platform that connects to PCs or TVs with an interactive web-enabled set-top box;
- The customisation of access facilities, such as controllers and adaptation of games which take into account the constraints of senior citizens;
- the development of computer-/ exergames and virtual exercising for the targeted user group.

PARTNERS

Helmholtz Zentrum München German Research Center for Environmental Health; Inst. for Biological and Medical Imaging/ Medis	R&D	D	http://www.helmholtz-muenchen.de
Diakonie München-Moosach	User	D	http://www.diakonie-moosach.de
Institute of Technology, Carlow	Research	IRL	http://www.itcarlow.ie
Bull Hungary	SME	H	http://www.bull.hu
University Hospital of North Norway Norwegian Centre for Integrated Care and Telemedicine	Research	N	http://www.telemed.no
Norut (Northern Research Institute Tromsø)	Research	N	http://www.norut.no
PASIFE	SME	D	http://www.pasife.de
Valentia Technologies	SME	IRL	http://www.valentiatech.com
Happywise oy	SME	FIN	http://www.happywise.com
Bethesda Hospital of the Hungarian Reformed Church, Budapest	User	H	http://www.bethesda.hu

Name of the project :
Join-In / Senior Citizens Overcoming Barriers by Joining Fun Activities

Coordinator: Dipl. Biol. Claudia Hildebrand

Duration: 36 months

Starting date: 1 November 2010

Total budget: 3.033,000 €

Public contribution: 1.796,000 €

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Website: http://www.helmholtz-muenchen.de/join-in
http://www.join-in-for-all.eu

Nostalgia Bits

Reminiscing is a pleasurable activity for seniors and can improve their well-being by providing rich opportunities for communication with peers and family. The Nostalgia Bits (NoBits) project aims at fostering social interaction between elderly and their family, through capturing their memories, and thereby personal, family and local history embodied by letters, newspapers, postcards, photos and other documents. A web-based platform is being developed where tangible artefacts of an elderly person's life experience can be uploaded and become a significant resource for use by other generations, and a means for connecting the elderly users with members of their own generation. Nostalgia Bits will thus be more than an "on-line community" service. It aims to be one of the first examples of what we call an *"augmented community"* service. Augmented communities combine the benefits of *interest-bound communities* (typically supported by on-line services) with the benefits of *geographically-bound communities* (which lead to rich, face-to-face interactions).

PARTNERS

Mobility and Multimedia Nonprofit Ltd.	SME	Hungary	www.mmklaszter.com
Virgo Systems Ltd.	SME	Hungary	www.virgo.hu
GFTH Ltd.	SME	Hungary	www.gfth.hu
Kalvin Janos Presbiteri Mission, Arany Alkony elderly homes	End-users	Hungary	www.aranyalkony.hu
Market Logic Software AG	SME	Germany	www.marketlogicsoftware.com
University of Applied Sciences Western Switzerland	R&D	Switzer-land	www.heig-vd.ch
FamCorner Ltd.	SME	Israel	www.mygrandchild.com
Atlantis Consulting SA	SME	Greece	www.atlantisresearch.gr
Istituto Auxologico Italiano	R&D	Italy	www.auxologico.it
FIMI S.R.L.	Business	Italy	www.barco.com/medical/fimi

Name of the project :
Nostalgia Bits

Coordinator: Mobility and Multimedia Nonprofit Ltd.

Duration: 24 months

Starting date: 3 May 2010

Total budget: 3,469,730 €

Public contribution: 2,112,125 €

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OsteoLink

(T-Break)

OsteoLink is the first online and in-person social network dedicated to osteoporosis in Europe and Australia.
In Summer 2009, a multi-national survey commissioned by the University of Geneva, the International Osteoporosis Foundation (IOF) and their partners, of over 1,600 people with osteoporosis and health professionals highlighted specific communications needs around treatment adherence challenges in osteoporosis, which persist despite widespread awareness-raising efforts. Overall, the results indicated a need for easy-to-understand information for patients, helping them to have better conversations with their health providers.
OsteoLink was created to respond to this need and to support greater interaction in the osteoporosis community. It builds on the growth of the internet in patient advocacy.

Name of the project :
OsteoLink (T-Break)

Coordinator: International Osteoporosis Foundation – Switzerland

Duration: 20 months

Starting date: 01 April 2010

Total budget: CHF 1,845,583

Public contribution: AAL Switzerland – CHF 412,562 (University of Geneva, Faculty of Medicine, Division of Bone Diseases)
Our consortium partner Action for Healthy Bones received an EU funding (€ 31,775) and a national Austrian Grant (€ 49,595) – contribution not yet received

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Website: www.osteolink.org

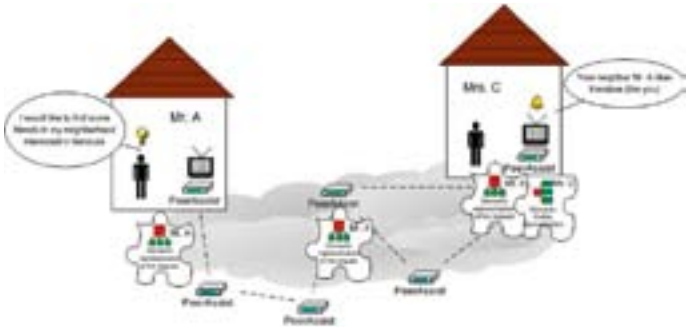
PARTNERS

University of Geneva, Faculty of Medicine, Division of Bone Diseases	Public Research Organisation	Switzerland	www.unige.ch
International Osteoporosis Foundation (IOF)	SME	Switzerland	www.iofbonehealth.org
Amgen (Europe) GmbH	Pharmaceutical Company	Switzerland	www.Amgen.com
Hill & Knowlton	Public Relations Firm	UK	www.Hill&Knowlton.co.uk
Action for Healthy Bones (AHB)	Patient Organisation	Austria	www.aktiongesundeknochen.at
Syzygy	Digital Strategy Firm	UK	www.syzygy.net

PeerAssist

A P2P platform supporting virtual communities to assist independent living of senior citizens

PeerAssist will provide an accessible, adaptable, multimodal and multilingual user interface and integrate behind the scenes the appropriate knowledge and context management and peer-to-peer interaction as needed to allow elderly people using the system to build virtual communities on demand, based on interests and needs that they share among themselves and/or with people in their supporting environment. The main effort of this challenging project is to design a Peer-to-Peer (P2P) platform helping the elderly fulfil their everyday needs in a user-friendly, effective, and totally safe manner. Use of PeerAssist by an elderly end-user should not require computer literacy. User supporting entities (e.g. family members, friends, caregivers, etc.) that participate in PeerAssist may use similar terminals or more powerful off-the-shelf computers as needed, depending on their role and function, level of computer expertise and services they provide. All terminals will be connected to the Internet and communicate via a peer-to-peer overlay technology.



PARTNERS

University of Athens (Communication Networks Lab)	R&D	Greece	www.cnl.di.uoa.gr
seekda GmbH	Business	Austria	www.seekda.com
InAccess Networks	Business	Greece	www.inaccessnetworks.com
Warp Networks, S.L.	Business	Spain	www.warp.es
Fundación Instituto Gerontologico Matia Country	R&D	Spain	www.ingema.es
Municipality of Athens Development Agency	End-Users	Greece	www.aeda.gr
Semantic Technology Institute Innsbruck	R&D	Austria	http://www.sti-innsbruck.at/

Name of the project :
PeerAssist / A P2P platform supporting virtual communities to assist independent living of senior citizens

Coordinator: Prof. Lazaros Merakos
Department of Informatics and Telecommunications
University of Athens

Duration: 30 months

Starting date: 1 September 2010

Total budget: 2,147,151.35 €

Public contribution: 1,411,604.51 €

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SeniorChannel

an Interactive Digital Television Channel for Promoting Entertainment and Social Interaction amongst Elderly People

SeniorChannel will give elderly care professionals an innovative approach to developing and managing the specific social needs of the elderly in the wider community.

To achieve this goal, SeniorChannel will develop an Interactive Internet Protocol Television Channel (SENIORCHANNEL) that will not only provide elderly people with a method of interacting but also with a unique means of access to the range of diverse activities in their community including the opportunity to share knowledge and experience, the ability to participate in topical debates, entertainment services, work-shops and discussion groups regardless of their geographical location.

The integrated system will be tested and evaluated, setting up a TV studio and production centre in Spain and broadcasting programs to a pilot user group. The feedback generated during user testing will provide the basis for modification and refinement thus bringing the design of the application more into line with the preferences and needs of those involved.

Virtual studio

Top box interface

Name of the project :
SeniorChannel / an Interactive Digital Television Channel for Promoting Entertainment and Social Interaction amongst Elderly People.

Coordinator: Indra Software Labs

Duration: 36 months

Starting date: March 2010

Total budget: 4.336.084 €

Public contribution: 2.060.072,80 €

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Website: http://innovation-labs.com/seniorchannel/

PARTNERS

Indra Software Labs	Business	Spain	http://www.indracompany.com/
University of Padova	R&D	Italy	http://www.unipd.it/
Brainstorm Multimedia	SME	Spain	http://www.brainstorm.es/live/
Audemat	SME	France	http://www.audemat.com/
Asociación Parque Galicia	End-users	Spain	N/A
M31 Spa	SME	Italy	http://www.m31.com/

SENIORENGAGE

Virtual network to empower the integration of seniors into an active community in the post retirement years

SENIORENGAGE will provide a practical networking platform which seniors and new professionals may network with each other, and wich comprises the following:

RetiredProf System: This module will allow retired seniors to continue to their professions through shared knowledge, becoming mentors of young professionals and guiding them through the challenges of their career.

ProfBuddies: Retired seniors of a certain professional area will be able to interact and network with each other, through the use of groups, message boards, instant messaging and a variety of Web 2.0 features.

SeniorConsult: Older adults prior to retirement will be able to provide their advice to businesses or non-profit organizations in need of answers to simple question. In this way, professional seniors will be able to provide support to younger ones, contributing to their sense of self-worth.

PARTNERS

Centre de Recerca I Innovació de Catalunya, S.A. (CRIC)	R&D SME	SPAIN	http://www.cric.cat/
Feltalálói És Kutató Központ Szolgáltató KFT (MFKK)	R&D SME	HUNGARY	http://www.mfkk.hu/u/
Center for Usability Research and Engineering (CURE)	SME	AUSTRIA	http://www.cure.at/
JAMK University of Applied Sciences (JAMK)	University	FINLAND	http://www.jamk.fi/
Microlink PC Ltd (MICROLINK)	SME	UNITED KINGDOM	http://www.microlinkpc.com/
Association of Care Giving Relatives of Jyväskylä Region (CAJYR)	End-user organisation	FINLAND	None available

Name of the project :
SENIORENGAGE / Virtual network to empower the integration of seniors into an active community in the post retirement years

Coordinator: CENTRE DE RECERCA I INNOVACIÓ DE CATALUNYA, S.A. (CRIC)

Duration: 24 months

Starting date: 1 December 2010

Total budget: 1,272,595.00 €

Public contribution: 723,685.03 €

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Website: http://www.seniorengage.eu/

SI-Screen

Social Interaction-Screen, SI-Screen

The core idea is to integrate new web based services such as internet telephony, instant messaging (e.g. Skype), group calendars (e.g. Google Calendar) and various types of social software (e.g. facebook.com, flickr.com, youtube.com, twitter.com) as well as applications of non-electronic service providers (leisure local offers, theatre, cinema…) into intuitively usable touch screen devices e.g. in form of digital picture frames.
The SI-Screen project aims to make technology tool useful, attractive and usable by every user, especially elderly people.
Therefore the SI-Screen is focusing on images and new concept far from the old WIMP paradigm (Window, icon, menu, pointing device), which is very easy to understand and provide together with the touch screen an intuitive handling. In addition, the age-related cognitive changes require an additional focus on accessibility and usability.
To include the needs and interests of the elderly end user will be heavily involved.

Figure 1: A tentative illustration of design & functions

Figure 2: Exemplarily illustration of SMS, E-Mail and filtered content from the Social Web

PARTNERS

SportKreativWerkstatt	Company (SME)	Germany	www.sportkreativwerkstatt.de
brainware & Data United	Company (SME)	Germany	www.brainware.ag www.data-united.de
Bundeswehr University Munich	University	Germany	www.kooperationssysteme.de
VIOS Medien	End User Organization	Germany	www.vios-medien.de
Porsche Design Studio	Company	Austria	www.porsche-design.com
helios	Company (SME)	Italy	www.helios.bz
Federació d'Associacions de Gent Gran de Catalunya	End User Organization	Spain	www.gentgran.org
Instituto de Biomecánica de Valencia	Research Institute	Spain	www.ibv.org
Servicios de Teleasistencia	Large Enterprise	Spain	www.teleasistencia.com
Tioman & partners	Company (SME)	Spain	www.tioman-and-partners.com

Name of the project :
Social Interaction-Screen, SI-Screen

Coordinator: Javier Gámez Payá

Duration: 30 Months

Starting date: 1 October 2010

Total budget: 2.744.500 €

Public contribution:

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Website: www.si-screen.eu

SilverGame

A platform for serious gaming to foster the social inclusion of elderly people

The envisioned platform is conceived as an integrated solution which combines sensor-controlled serious gaming, web-based information services and interactive entertainment and which brings all that onto a standard television set – a technological environment elderly people are so much more familiar with than a PC. Regarding an appropriately intuitive controller, the Silvergame consortium has been doing successful user acceptance tests with a specially interfaced touchscreen application running on an iPad or tablet PC. Using open standards and allowing for interoperability the Silvergame platform wants to make future upgrades of the pilot applications just as easy as the integration of new applications at a later point in the development. The Silvergame prototype will include three interactive modules on one central platform:

- A virtual silver song club, where people meet to sing with each other;
- A multimedia driving simulator for cognitive training of traffic situations;
- A sensor-based dance and fitness training application.

PARTNERS

Exozet Berlin GmbH (Coordinator)	SME	Germany	www.exozet.com
AIT Austrian Institute of Technology	Research	Austria	www.ait.ac.at
Audio Riders Oy	SME	Finland	www.audioriders.fi
Fraunhofer FIRST	Research	Germany	www.first.fraunhofer.de
Golden Oldies / Grenville Jones	End-user	UK	www.golden-oldies.org.uk
Reha-Zentrum Lübben	End-user	Germany	www.rehazentrum.com

Name of the project :
SilverGame: A platform for serious gaming to foster the social inclusion of elderly people

Coordinator: Exozet Berlin GmbH, Berit Hanold

Duration: 26 months

Starting date: 1 May 2010

Total budget: 2,777,061 €

Public contribution: 1,862,012 €

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SoMedAll

Social Media for All Elderly People

A prototype service will be implemented and tested among the seniors over national borders. SoMedAll project produces a platform that offers social media focused on the needs of the elderly with a variety of easy-to-use user interfaces including web, PC, IPTV and mobile phone (equipments already at home) taking into account the skill levels of the users. We implement a prototype service, test use it among the elderly over national borders. We study the usability and the impact of the services to the life quality of the elderly. End-users' point of view will be taken into account in practice in Italy, Finland and possibly in Slovenia. One important issue is also to analyse possible cultural effects on the acceptance and desire for these kinds of social media services.

PARTNERS

Miina Sillanpää Foundation	End -users	Finland	www.miinasillanpaansaatio.fi
Gonga Group Oy	SME	Finland	www.conga.fi
National Inter-University Consortium for Telecommunications (CNIT)	R&D	Italy	www.cnit.it
Cooperativa sociale A R. L (ALDIA)	End-user	Italy	www.aldia.it
Mediasoft Ltd	SME	Slovenia	www.mediasoft.si

Name of the project :
SoMedAll / Social Media for All Elderly People

Coordinator: VTT Technical Research Centre of Finland

Duration: 24 months

Starting date: 1 February 2010

Total budget: 1 Mio €

Public contribution: National funding cannot be reported, yet.

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TAO
Community & Collaboration

TAO

Community & Collaboration

The project is divided into two strands, one aiming at the development of non-technical solutions, and the other pursuing technical solutions. Non-technical solutions aimed for by the project can be roughly divided into “methods for mobilisation”, “methods for inclusion & motivation”, and the “creation of new types of online content and activities”. The methods developed to encourage elderly people to participate actively in online communities will result in a draft inventory of methods and in corresponding guidelines. Both, the inventory and the guidelines are intended to serve as a basis for consulting activities in the field of online communities. In order to develop and to implement new methods and activities as well as to develop the guidelines, the project heavily relies on the “action research” methodology, which allows to bring about, to observe and to evaluate social change through active interaction between researchers, elderly people, and other stakeholders in the field.

PARTNERS

Bern University of Applied Sciences: Department Business, Health, Social Work	Research	CH	www.wgs.bfh.ch
United Nations University / University Maastricht, UM-Merit	Research	NL	www.merit.unu.edu
University of Ulm, The Centre for General Scientific Continuing Education (in short ZAWiW)	Research	DE	www.uni-ulm.de/uni/fak/zawiw/startseite/en
Seniorweb Switzerland	User Organisation / Service Provider	CH	www.seniorweb.ch
SeniorWeb.NL	User Organisation / Service Provider	NL	www.seniorweb.nl
Wikimedia Switzerland	User Organisation / Service Provider	CH	www.wikimedia.ch
Wikimedia Germany	User Organisation / Service Provider	DE	www.wikimedia.de
Zeix AG	SME	CH	www.zeix.com
Access for All Foundation	User Organisation	CH	www.access-for-all.ch/en.html
MD Systems	SME	CH	www.md-systems.ch
terzStiftung	User Organisation / Service Provider	CH	www.terzstiftung.ch

Name of the project :
TAO / Community & Collaboration

Coordinator: Bern University of Applied Sciences

Duration: 36 months

Starting date: 1 October 2010

Total budget: 3 Mil. €

Public contribution: Roughly half of the project budget is covered by funding from the AAL Joint Programme.

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TRAINUTRI

TRAINing and NUTRItion senior social platform

The Trainutri Consortium provides IT based end-user services, combining intelligent wireless sensor network technologies, data processing, Web 2.0 and social network models and a web portal providing user feedback on goals achieved and supporting interaction with peers. End-users can communicate using the web portal, their smart phone or both.

Through analysis of acceleration meter activity, an estimation of walking activity and used calories, per day will be provided An extension with activity recognition technology and a global positioning module makes it possible to advice the user about integrating exercise goals and nutritional goals in daily life

The older adult target group is focus on those to choose to carry out a healthy lifestyle . They will be able to build a healthy personal environment configuring their activities according to their condition and preferences They will count on direct professional support to make this healthy personal environment consistent,

PARTNERS

Planet Media	SME	Spain	www.planetmedia.es
UPM	Research Centre	Spain	www.gbt.tfo.upm.es
MobiHealth	SME	Netherlands	www.mobihealth.com
University of Geneva	Research Centre	Switzerland	http://asg.unige.ch
KMOP	End user Organization	NL	www.kmop.gr
UC3M-CAOS	Research Centre	Spain	www.caos.inf.uc3m.es
ArxIT SA	SME	Switzerland	www.arxit.ch
Vigisense SA	SME	Switzerland	www.vigisense.com

Name of the project :
TRAINing and NUTRItion senior social platform.
TRAINUTRI. (AAL-2009-2-129)

Coordinator: Planet Media Studios SL.

Duration: 24 months

Starting date: 1 May 2010

Total budget: 3.416.850,20 €

Public contribution: 1.758.830 €

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Website: www.trainutri.com

V2me

Virtual coach reaches out “to me” V2me

Overcome Loneliness

V2me combines real life and virtual social network elements to prevent and overcome loneliness in Europe’s aging populations. It supports active ageing by increased integration in the society through the provision of advanced social connectedness and social network services.

Social Innovation

The V2me system will allow the elderly user to communicate and engage in social activities with friends, family and caregivers via easy-to-use devices with specifically designed user interfaces. Giving the user the ability to appear to the outside world in the way he desires.

User-Centered Design

The V2me system will be tested in three different pilot sites in three different countries, evaluating usability, user experience and acceptance of core functionality. Additionally a long term evaluation will be performed in Amsterdam, Netherlands that will assess the effects on the system on the perceived loneliness of elderly persons. It is planned to perform this study on 180 subjects.

PARTNERS

Fraunhofer-Gesellschaft e.V.	Research organisation	Germany	www.fraunhofer.de
Diakonie Neuendettelsau	End-user organisation	Germany	www.diakonieneuendettelsau.de
Hospital IT AS	SME	Norway	www.hospitality.no
Mawell Ltd.	SME	Finland	www.mawell.com
Graz University of Technology	Research organisation	Austria	www.tugraz.at
User Interface Design GmbH	SME	Germany	www.uid.com
Université de Luxembourg	University/ Research Institution	Luxembourg	www.uni.lu
VTT Technical Research Center of Finland	Research Organization	Finland	www.vtt.fi
VU University Amsterdam/Dept. CAMeRA	University/ Research Organisation	Netherlands	www.vu.nl

Name of the project :
V2me / Virtual coach reaches out “to me” V2me

Coordinator: Dr. Reiner Wichert

Duration: 36 months

Starting date: 1 May 2010

Total budget: 3.6 Mio €

Public contribution: 2.6 Mio €

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WeCare

AAI WeCare 2.0

The end users gave valuable input during the interviews and meetings with representatives of the end users' group and during co-design sessions.
The 'baseline' gave an excellent basis for further discussions. It is a generic platform with several services like a calendar, local news and events, medicine reminder that is set via internet and sends text messages (SMS) to the mobile phone of the user.
The second year of the WeCare project trials will show what end users think of the WeCare 2.0 services in each country and how the envisioned business models will work out. For example in Spain the telecarers may receive less calls from people who are just in for a chat and therefore will have more time for urgent calls. Participants in the trials will all cooperate in the research which accompanies the WeCare project. They will give their input through a mix of questionnaires regarding wellbeing and loneliness issues, their expectations of the service and user experience, etc. This will provide the WeCare project group with valuable and comparable data.

PARTNERS

Netherlands Organisation for Applied Scientific Research TNO	R&D	The Netherlands	www.tno.nl
Ericsson Telecommunication	business	The Netherlands	www.ericsson.com
Simac	Industry	The Netherlands	www.simac.com
ANBO	End-users	The Netherlands	www.anbo.nl
Fundación Andaluza de Servicios Sociales ASSDA	End-users	Spain	www.juntadeandalucia.es
VTT Technical Research Centre of Finland VTT	R&D	Finland	www.vtt.fi
Videra Ltd	SME	Finland	www.videra.com
Caritas Foundation	End-users	Finland	www.caritas-saatio.fi
Skytek Ltd	SME	Ireland	www.skytek.com

Name of the project :
WeCare / AAL WeCare 2.0
Coordinator: TNO
Duration: 30 months
Starting date: 11 February 2010
Total budget: 3,67 MIO €
Public contribution: 2,24 MIO €
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The Netherlands
Website: www.wecare-project.eu

AMBIENT ASSISTED LIVING

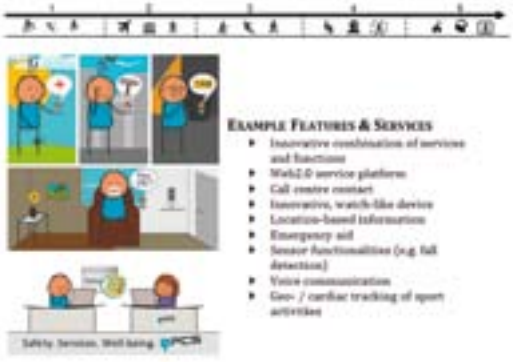
CALL 3

ICT-based Solutions for Advancement of Older Persons' Independence and Participation in the "Self-Serve Society

2PCS

Personal Protection and Caring System

The 2PCS solution is based on a unique combination of innovative software features and a mixture of state of the art technologies aligned to a life-phase oriented business process logic. A modular approach allows for individual customisation and thus personalised and adjusted services for end-users. Depending on the end-users' needs, all features and services can be activated as well as deactivated by the user or by an entitled secondary end-user. In Order to ensure that the 2PCS solution addresses the life-phase challenges as good as possible, primary end-users, secondary end-users as well as tertiary end-users are integrated into the development process of services and functions. Next to a set of research activities various end-user-groups will be able to participate in idea gathering, defining requirements, use cases, innovation processes and pilots aligned to various life-phases. Regardless of age-groups, the solution is targeted at various user groups who need functions and services based on their distinct life-phases, challenges and needs.



PARTNERS

Tertianum Stiftung	R&D	Switzerland	www.stiftung.tertianum.ch
European Academy of Bozen/Bolzano	R&D	Italy	www.eurac.edu
Curena AG	SME	Switzerland	www.curena.ch
Humanocare GmbH	SME	Austria	www.humanocare.at
Mieloo & Alexander B.V.	SME	Netherlands	www.mielooandalexander.com
Odenwälder Kunststoffwerke Gehäusesysteme GmbH	SME	Germany	www.okw.com
RF-Embedded GmbH	SME	Germany	www.rf-embedded.eu
Privatklinik Villa Melitta – Casa Di Cura	SME	Italy	www.villamelitta.it

Name of the project :
Personal Protection and Caring System – 2PCS

Coordinator: University of Innsbruck

Duration: 24 months

Starting date: 1 July 2011

Total budget: 1,741,213 €

Contact: Ao. Univ. Prof. Dr. Kurt Promberger
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Universitätsstraße 15
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Austria

Website: www.2pcs.eu

AALuis

Ambient Assisted Living user interfaces

The user interface (UI) is an important feature of interaction between the human and the machine (services). Thus the main focus of the project lies on the development of innovative UIs and a layer for the easy and standardized integration of new and existing UIs. The aim is to build these interfaces and the connection layer on open and already existing middleware platforms. The improvement of the user interfaces and thus of devices and solutions for older people based on design for-all principles shall improve older people's access to, acceptance of and use of ICT-based services. End-users' needs and abilities in their (daily) life are explored by two user organizations from the very beginning of the project following ethical and user involvement guidelines. In addition needs of technical stakeholders, such as developers and services providers, when creating AAL Systems will be taken into account.

PARTNERS

AIT Austrian Institute of Technology GmbH	R&D	AT	http://www.ait.ac.at/
weTouch e.U.	SME	AT	http://www.wetouch.at/
CURE - Center for Usability Research & Engineering	R&D	AT	http://www.cure.at/
zoobe message entertainment GmbH	SME	DE	http://zoobe.com/
Verklizan BV	SME	NL	http://www.verklizan.com/
ProSyst Software GmbH	SME	DE	http://www.prosyst.com/
50plus GmbH	End-users	AT	http://www.50plusgmbh.com/
Hilfswerk Österreich	End-users	AT	http://www.hilfswerk.at/
Philips Consumer Lifestyle B.V.	business	NL	http://www.philips.com/

Name of the project :
AALuis / Ambient Assisted Living user interfaces

Coordinator: AIT Austrian Institute of Technology GmbH, Austria

Duration: 36 months

Starting date: 1 July 2011

Total budget: 3.238.624 €

Public contribution: 2.149.027 €

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christopher.mayer@ait.ac.at I http://www.ait.ac.at

Website: http://www.aaluis.eu/

ALFA

Active Living For Alzheimer-patients

By means of three different technologies, visual stimulation of mirror neurons in Alzheimer patients, an interactive agenda or diary and a movement monitoring system, people with dementia will be able to improve or sustain their cognitive functions. By developing, integrating and testing these technologies in homecare and residential settings we will demonstrate that it will improve conditions for Alzheimer patients by offering them personalised support through ICT.

PARTNERS

Woonzorg Unie Veluwe	Healthcare provider	NL	www.wzuveluwe.nl/home.php
VU University Amsterdam in partnership with TU University of Delft	University	NL	www.psy.vu.nl/en/index.asp
Alzheimer Nederland	End-users, patient advocacy	NL	www.alzheimer-nederland.nl
T3LAB	R&D	IT	www.t3lab.it
NoemaLife	SME	IT	www.noemalife.com/en/home
EXEL	SME	IT	www.exelmicroel.com
Iniciativas Comunitarias de Desarrollo Estepa Sierra Sur	SME	ES	
Mondragon University	University	ES	www.mondragon.edu/en

Name of the project :
Active Living For Alzheimer-patients -ALFA

Coordinator: HabiPro commissioned by Woonzorg Unie Veluwe

Duration: 24 months

Starting date: 1 January 2012

Total budget: € 2,162,987.24

Public contribution: € 1,321,543.24

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Netherlands

Website: www.aal-alfa.eu

AMCO

Ambient Concierge

The main areas of AAL are assessed by the AmCo project. Project work will be done in two sequential phases. In the beginning of the first phase, two existing AAL systems will be presented by the specific operators to all pilot users to gain a common knowledge base. The main purpose of the first phase is the installation of the existing systems in different regions and the operation by the end-users. During the usage time the users are interviewed concerning their pattern-of-use, which services are mostly used, which are obsolete or which services are desired in addition. The results of the first phase are used in the second phase to design and develop the new AmCo platform containing existing and new services. Moreover the second phase will be used to determine if there exist demographical or geographical discrepancies concerning the use of the AmCo platform or the set principally used services. Therefore the end-users are interviewed a second time. These deliverables will help to design further scenarios in future AAL-projects.

PARTNERS

Deutsches Rotes Kreuz	end-users	Germany	www.drk-bitburg-pruem.de
FACO Immobilien GmbH	end-users	Germany	www.faco.de
Fraunhofer-Institut für Software und Systemtechnik ISST	R&D	Germany	www.isst.fraunhofer.de
BEKO Engineering & Informatik AG Competence Center Smart Home Solutions	business	Austria	www.smarthome.ag
Wincasa AG Immobilien-Dienstleistungen	business	Switzerland	www.wincasa.ch
Competence Center Independent Living University of St. Gallen	R&D	Switzerland	http://il.iwi.unisg.ch

Name of the project :
Ambient Concierge, AmCo, AAL-2010-3, Verbundnummer V4AJP206

Coordinator: Wolfgang Rieder, CEO
Deutsches Rotes Kreuz

Duration: 36 months

Starting date: 1 November 2011

Total budget: 2,620,726.85 €

Public contribution: 1,427,109.00 €

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Website: www.ambient-concierge.eu

BANK4ELDER

Innovate ways of banking designed for and by the ederly

Bank4Elder project will develop and validate new interfaces for existing ways of banking. Each mode and technology will be:

- Web: Building new web pages will allow end users to choose between normal or personalized web page just to of fits its needs.
- ATM: We will offer users an easy and practical way to handle information shown in the screen.
- Mobile: standardized interfaces for most relevant operating systems (iPhone, Android, etc..) will be provided.
- TV: alternative ways to interact with TV (remote control doesn't work)

New innovate testing technologies will be used to test interfaces operability in elderly people: conjoint analysis, physical response analyse, behaviour analyse, usability tests and pilot testing. End users will also participate in some project tasks helping developers to build this solution.

PARTNERS

VECTOR SF	Large enterprise institucion	Spain	www.vectorsf.com
Instituto de biomecanica de Valencia	RTO	Spain	www.ibv.org
Nuromedia	SME	Germany	www.nuromedia.com
New amuser	SME	Italy	www.newamuser.it
Digintel	SME	Italy	www.digintel.it
Federacion provincial de udp de Valencia	Association	Spain	www.valenciaudp.org
Associaçao rede de universidades da terceira idade	Association	Portugal	www.rutis.com

Name of the project :
Innovate ways of banking designed for and by the ederly / BANK4ELDER

Coordinator: Jaime González Martín / Vector SF

Duration: 3 years

Starting date: October 2011

Total budget: € 1,723,108

Public contribution: SPAIN:
Budget: 47% EC: 38%
PORTUGAL:
Budget: 6% EC: 11%
ITALY:
Budget: 26% EC: 23%
GERMANY:
Budget: 21% EC: 28%

Contact: Jaime González Martín
+34 911 830 654
jagonzalez@vectorsf.com

Website: www.bank4elder.eu

Care@Home

CARE services advancing the social interaction, health wellness and well-being of elderly people AT HOME

Care@Home involve continuous, automatic and remote monitoring (e.g. by mobile phone/wireless / fixed sensors) of real time emergencies and lifestyle changes over time in order to manage the risks associated with independent living. Care@Home enables such care services to the home environment without the prohibitive costs of retrofitting existing dwellings. Care@Home aims at creating an open platform able to enable services to elderly who care to live independently while enjoying the assurance of timely access to car-egivers when needed and thereby offer better living which provides elderly around the world with a sense of security, comfort and joy.

PARTNERS

Delft University of Technology	R&D	NL	www.tudelft.nl
Philips Consumer Lifestyle	MNE	NL	www.philips.com
Singular Logic Romania / INTRAROM	MNE	ROM	www.singularlogic.eu
Healthcare over Internet Protocol Community Interest Company	SME	UK	www.hoip.eu
The Building Research Establish-ment	R&D	UK	www.bre.co.uk
Mextal BV	SME	NL	www.mextal.com
National Elderly Foundation	End-users	NL	www.ouderenfonds.nl
Living Lab Foundation	End-users	NL	www.livinglab.nl
Actimage	SME	Lux	www.actimage.com
Bournemouth Borough Council	End-users	UK	www.bournemouth.gov.uk

Name of the project :
Care@Home

Coordinator: Delft University of Technology

Duration: 36 months

Starting date: 21 November 2011

Total budget: € 3.907.881,34

Public contribution: € 2.033.585,95

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Cell +31 6 48 26 19 29
Skype nick.guldemond
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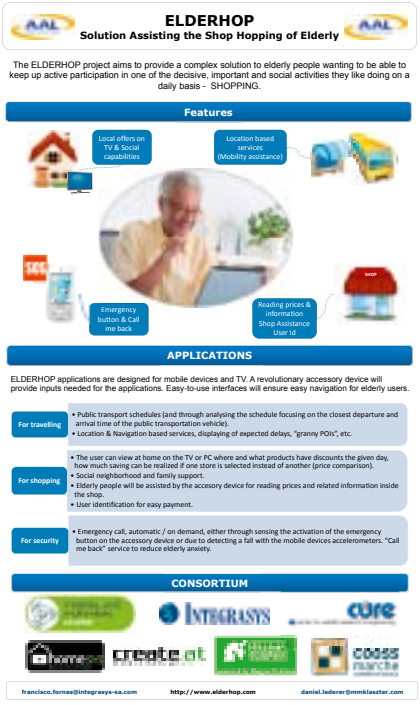
Website: www.careathome-project.eu

ELDERHOP

Solution Assisting the Shop Hopping of Elderly

ELDERHOP is creating a solution which runs on existing and future open source mobile and IP connected TV platforms. Mobile platforms and devices (both tablets and smartphones) will be selected based on the collected end-user expectations and usability studies. Easy-to-use mobile interfaces will be created and tested which will ensure the easy navigation for elderly people. Homesys will develop an easy-to-use comparison shopping IPTV application that will allow users to see which products are available at which store and for what price. The application will also make use of the possibility of NFC payment. Further applications (such as an alarm button, location tracking, etc.) will also be integrated. Field trials will be organized in Hungary and in Austria and end-to end solutions will be available for demonstration in order to ensure a good end-user evaluation. During the field tests, trained mentors will help the elderly test subjects to learn how to use the applications.



Name of the project :
Solution Assisting the Shop Hopping of Elderly – ELDERHOP

Coordinator: Mobility and Multimedia Coordination Office Nonprofit Ltd.

Duration: 24 Months

Starting Date: September 1, 2011

Total budget: € 1,777,488

Public contribution: € 1,029,910.12

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address: Mobility and Multimedia Coordination Office Nonprofit Ltd.
Fehérvári u. 80.
Budapest, Hungary
H-1117

Website: http://vassist.cure.at/project-partners/cure.html

PARTNERS

Mobility and Multimedia Coordination Office Nonprofit Ltd.	SME	Hungary	http://www.mmklaszter.com
KIBU Innovation Nonprofit Ltd.	SME	Hungary	http://www.kitchenbudapest.hu
HomeSys Media Ltd.	SME	Hungary	http://hybridbox.tv/
Center for Usability Research and Engineering	R&D	Austria	http://www.cure.at/
COOSS Marche	End-user	Italy	http://www.cooss.marche.it/
create-mediadesign GmbH	SME	Austria	http://www.create.at/
Intergrasys SA	SME	Spain	http://www.integrasys-sa.com/

ENTRANCE

Enabling Elderly People travel and Internet Access

The ENTRANCE project gathers leading European research institutions, user organisations and SMEs. It focuses on the development of the ENTRANCE platform, which comprises a home terminal and a multimodal mobile interface for wayfinding. The home terminal consists in a usable hardware (a silent computer to be used in living rooms) and software adapting to users with different levels of technology proficiency. The software is used to learn how to book e-tickets and vacation packages. The ENTRANCE platform also comprises a serious game to be used by older adults to improve their spatial competence and, subsequently, their ability to navigate indoors and outdoors. The mobile platform comprises navigation software, which is also used in the serious game on the home platform. This navigation software will be installed on a smart phone, and combined with outdoors and indoors positioning system, and a haptic navigation device (e.g. a wristband) for giving directions, and informational messages during navigation.

PARTNERS

Commisariat à l'énergie atomique et aux énergies alternatives	R&D	France	http://www-list.cea.fr
Paris Lodron University of Salzburg	R&D	Austria	http://www.icts.sbg.ac.at
Autonom'Lab	End-users	France	http://www.autonom-lab.com
50Plus GmbH	End-users	Austria	http://www.50plus.com
Geomobile GmbH	SME	Germany	http://www.geomobile.de
GFTH Ltd.	SME	Hungary	http://www.gfthu.com
Idées-3com	SME	France	http://www.idees-3com.com
Splitted-Desktop Systems	SME	France	http://www.splitted-desktop.com

Name of the project :
Enabling Elderly People travel and Internet Access - ENTRANCE

Coordinator: CEA LIST

Duration: 36 months

Starting date: 1st September 2011

Total budget: 4 385 128€

Public contribution: 2 096 042€

Contact: José Lozada
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Institut Carnot CEA LIST
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FEARLESS

Fear Elimination As Resolution for Loosing Elderly's Substantial Sorrows

As elderly often refuse to wear any additional sensors to activate alarm calls, FEARLESS will visually and acoustically detect and handle risks by contacting the relatives or care taker organization (e.g. TES or SAM) automatically - without the need of any user intervention. It increases the feeling of safety, reduces fears, enhances the self-efficacy and thus enables elderly to be more active, independent and mobile in today's self-serve society.
FEARLESS does not only enhance the mobility by reducing fears but also triggers an alarm, if significant behavioural changes (e.g. less mobility, change of health condition and many others) are detected. Thus, relatives or care taker organizations are able to ensure the physical and psychological wellbeing of the primary end users. The user are involved throughout the entire project, as their needs and wishes are examined in regular feedback intervals - as well as their feasible concerns about their privacy.

PARTNERS

CogVis GmbH	SME	Austria	http://www.cogvis.at
Vienna University of Technology	Research	Austria	http://caa.tuwien.ac.at/cvl/
University of Bamberg	Research	Germany	http://www.uni-bamberg.de/allgpsych/
TeSAN	End-User	Italy	http://www.tesan.it/
i2CAT Technological Center	End-User, R&D	Spain	http://www.i2cat.net
InfoKom GmbH	End-User, SME	Germany	http://www.infokom.de
Linkcare Health Services	End-User	Spain	
Fraunhofer IPK	R&D	Germany	http://www.ipk.fraunhofer.de/
Samariterbund Wien	End-User	Austria	http://www.samariterbund.net
Medical University of Vienna	Research	Austria	http://www.meduniwien.ac.at

Name of the project :
FEARLESS / Fear Elimination As Resolution for Loosing Elderly's Substantial Sorrows

Coordinator: DI Michael Brandstötter, MSc
CogVis GmbH
Pulverturmgasse 3
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Austria
brandstoetter@cogvis.at
+43 1 997 1594 0

Duration: 36 months

Starting date: 1 July 2011

Total budget: 2,7 Mio €

Public contribution: 1.6 Mio €

Contact: DI Michael Brandstötter
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Website: www.cogvis.at

FOOD

Framework for Optimizing the prOcess of FeeDing

The devised solution consists of a home-based system that enables elderly people to deal with feeding and food-related tasks in a safe, effective and rewarding way. It is based on the seamless integration of sensors, intelligent appliances able to offer functionalities in the house and Internet based services and applications, able to give access, through a natural interface, to information and communication in different social environments. Its innovation lies in the integration and cooperation of Internet of things, Semantic Web and Web 2.0. The availability of relevant data from sensors on people and their environment and the cooperation of artificial and human intelligence through the network will contribute to support independence of people. Moreover, it is supposed that the quality of the end-users everyday life will improve not only due to the support in crucial activities in the house, but also for the possibility of interaction with the outside world both for practical purposes (e.g. ecommerce, e-government, etc.) and for socializing. The idea will be tested with pilots in three countries addressing a basic need of people, i.e.feeding. Pilots will be carried out in Italy, Romania and Netherlands, in order to compare its impact in different social environments.

PARTNERS

INDESIT Company SpA	Industry	Italy	www.indesitcompany.com
ANMIL	End-users	Italy	www.anmil.it/
Brainport Development N.V.	End-users	Netherlands	www.brainport.nl/
Copenhagen Institute of Interaction Design	SME	Denmark	http://ciid.dk/
Department Of Social Services, Local Council Brasov	End-users	Romania	
International Business School, Jönköping University	SME	Sweden	www.jibs.se/
Consiglio Nazionale della Ricerca	Research	Italy	www.fi.cnr.it/
Università degli Studi di Parma, Centro di Collaborazione sulle Tecnologie Assistive	Research	Italy	www.unipr.it/
SC Vision Systems SRL	Research	Romania	www.vision-systems.ro/

Name of the project :
Framework for Optimizing the prOcess of FeeDing - FOOD

Coordinator: Indesit Company SPA

Duration: 36 Months

Starting Date: September 1, 2012

Total budget: € 3.232.865,99

Public contribution:

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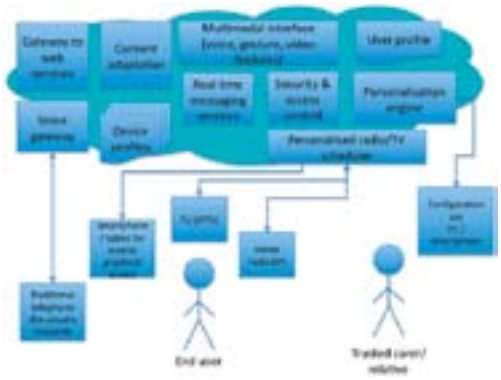
Website: http://www.food-aal.eu/

GoldUI

Adaptive Embedded Human Interfaces designed for older people

A key concept to GoldUI is the development and maintenance of a cloud-based secure user profile, which is intended to be maintained by a trusted relative or carer. The profile indicates the user's language, eyesight, hearing, mobility and memory capabilities and communication preferences as well as account information for key services via a series of plugins. The key technological innovations that we want to introduce to enable GoldUI project are related to 1) Representation of multimedia content description, 2) Personalization and contextualization of information, 3) Interactive search and agent interfaces able to mitigate complex tasks, bring expertise to the user, and provide more natural interaction; and 4) Human-Computer Interfaces. All these technologies will be employed in an integrating way; this means that, different prototypes will be available along all the phases of the project that will incrementally include the different features and technologies according to the end-users specifications and feedback.
There will be pilot trials during 12 months.



PARTNERS

HI-Iberia Ingeniería y Proyectos S.L.	SME	Spain	http://www.hi-iberia.es/
XIM Ltd	SME	United Kingdom	http://www.xim.co.uk/
Tiscali Italia S.p.A.	Industrial	Italy	http://www.tiscali.it/
Fundación para la eSalud (FeSalud)	End-User	Spain	http://www.fesalud.org/

Name of the project :
GoldUI / Adaptive Embedded Human Interfaces designed for older people

Coordinator: HI-Iberia Ingeniería y Proyectos S.L.

Duration: 24 months

Starting date: 18 July 2011

Total budget: 1.537.726,76 €

Public contribution: 807.656 €

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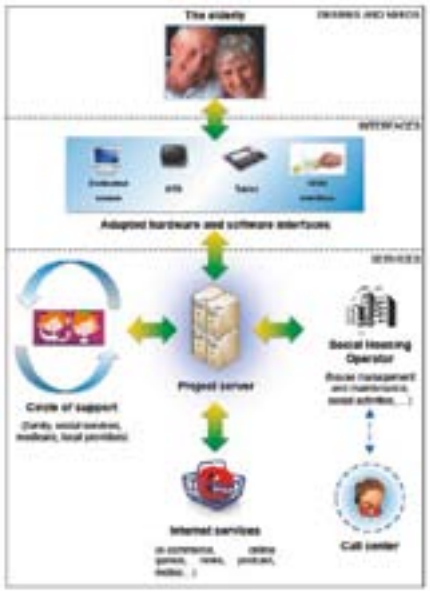
SPAIN

Website: www.goldui.eu

HOST

Smart technologies for self-service to seniors in social housing

The partners of the project will develop a digital infrastructure of the social housing and a gateway to their services. Within the project, the proposed idea is (i) to raise awareness of independent control among older consumers in selecting their own appropriate responses to requirements for a self-serve solution system; (ii) to improve the life of the elderly living in the current social house park, by developing the digital infrastructure of the social housing and giving a better access to their services; (iii) to provide the elderly in social housing with a large panel of ICT services and ease communication with and between their service providers and the "circle of support" composed of the family and local services, both public and private.



PARTNERS

OPAC du Rhône	User organisation	France	http://www.opacdurhone.fr
FINABITA	SME	Italy	http://www.legacoopabitanti.coop
Nottingham Community Housing	User organisation	United Kingdom	http://www.ncha.org.uk
ADAMA/ AVIZEN	SME	France	http://www.avizen.fr
National Research Council Construction Technologies Institute	Research	Italy	http://www.itc.cnr.it
Conseil Général du Rhône / ERASME	Research	France	http://www.erasme.org
Université Joseph Fourier Grenoble 1	University	France	http://www.ujf-grenoble.fr
Triple Play	SME	United Kingdom	http://www.tripleplay-services.com
BIO RESULT	SME	Italy	http://www.bioresult.it
University of Valencia/ Polibienestar	University	Spain	http://www.polibienestar.org

Name of the project :
HOST / Smart technologies for self-service to seniors in social housing

Coordinator: Françoise ABRY
Responsable Qualité de Service et Gestion du Peuplement
194 rue Dugueslin
69433 Lyon Cedex 03
Tel. +33 (0)4 78 95 51 05
Tel. +33 (0)6 48 26 52 32
E-Mail: fabry@opacdurhone.fr

Duration: 30 months

Starting date: 1 May 2011

Total budget: 4 774 086,57 €

Public contribution: 2 290 680,00 €

Contact: Françoise ABRY
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Tel. +33 (0)6 48 26 52 32
E-Mail: fabry@opacdurhone.fr

InclusionSociety

Improving usability of the municipal health services and opening up access to the self- serve society

InclusionSociety provides a preventive health solution for senior citizens at home & in institutions by providing a management portal with an overview of Service Users condition and data collected by medical & “smart home” sensors. The care manager on duty can focus on preventive health principals through knowing where to act. The solution consists of: The homePad – a user friendly intuitive touch screen tablet; The friends & family portal - facilitating easy communication & remote care between Service Users & their families; And the nursePad - designed with high usability & EMR function for nurses visiting senior citizens at home or in institutions. The Care Management System is for Service Providers or Municipal Health Services & gives the central care office an up-dated overview of those at home through an alerts system as well alarm warnings in emergency situations.

Name of the project:
InclusionSociety- improving usability of the municipal health services and opening up access to the self- serve society / InS

Coordinator: Thorhallur Gudmundsson Hospital Organiser AS
Lysker w/ Oslo, Norway
eMail adr: tg@hospitalorganiser.no
tel: 00 47 913 43 943

Duration: 2 years

Starting date: 1 March 2011

Total budget: 1 583 790 €

Public contribution: 813.839 €

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Hospital Organiser AS
Lysaker torg
1366 Lysker
Norway

Website: www.inclusionSociety.com

PARTNERS

Hospital Organiser AS	SME	Norway	www.hospitalorganiser.no
Mediq AS	SME	Denmark	www.mediq.dk
Alloy LTD	SME	UK	www.thealloy.com
Vivit AS	SME	Norway	www.vivit.no

LILY

Advanced Support for Independent Living; Human Life Cycle Approach in Senior Housing

Lily project focuses on wellbeing services for self-serve supporting environment according to third age people needs from the viewpoint of ICT and taking account the whole human life-cycle. The basic target group is 55+ aged people and the other target groups considered are health and social care giving personnel, local authorities, family members, relatives and friends, service providers, content suppliers, retailers and merchandisers. Lily solutions will be developed using industry-adopted and emerging technologies such as web 3.0 standards, including web services and semantic technologies, video technologies, touch-screens and a variety of end-user devices and interfaces. Co-operational models will be bases for creating value network's business models. Lily solutions will be developed on a base on three existing systems and piloted in two real living environments. For the new user interfaces the project will pilot sensory environments using printed electronics.

PARTNERS

University of Oulu	R&D	Finland	http://ratoy.oulu.fi/index.php?id=70
Oulu University of Applied Sciences	R&D	Finland	http://www.oamk.fi/raahe/english/
Technical University of Vienna	R&D	Austria	http://www.aat.tuwien.ac.at/index_en.html
Siperia Systems Oy	SME	Finland	http://finplatform.pbol.org/content/InfoDayMaterials/Pandora--Service.Management.Software.for.Elderly.Care.pdf
VISAGE Camera-Contact SA	SME	France	http://camera-contact.com/offre.html
The Districal Joint Municipal Authority of Health Care in Raahe, Siikajoki, Pyhäjoki and Vihanti	End-user organization	Finland	http://www.ras.fi/frontpage
The Chamber of Commerce and Industry of the Creuse area	End-user organization	France	http://www.cci-creuse.com/

Name of the project:
Advanced Support for Independent Living; Human Life Cycle Approach in Senior Housing - LILY

Coordinator: University of Oulu, Raahe unit

Duration: 36 months

Starting date: 1 December 2011

Total budget: 1,937,854.00 €

Public contribution: 1,333,553.00 €

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MobileSage

Situated Adapted Guidance for the Mobile Elderly

Elderly will increasingly look for useful, userfriendly and personalized ICT services that add value to their active and mobile life and that can help them to stay active despite various impairments. Users are involved throughout the process. User requirements have been elicited from three countries, Norway, Spain and Romania, Two innovative services are provided for the advancements of older people's independence and mobility in the daily life, including in particular transportation and travel. The means is instantiated by a personal agent on the smartphone, which provides a *help-on-demand service*. This service offers relevant, accessible, and usable content upon request, in the form of multimodal and personalized instruction and guidance, enabling people to help themeselves. The main target group of the MobileSage service is elderly persons with or without disabilities (motor, perception, cogntition), MobileSage also enables and promotes the users' own generation of such help providing *accessible and usable content*.

PARTNERS

Norwegian Computing Center (Coordinator)	R&D	Norway	www.nr.no
Seniornett	NGO	Norway	www.seniornett.no
TeamNet	SME	Romania	www.teamnet.ro
University of Ulster (subcontractor)	R&D	United Kingdom	www.ulster.ac.uk
Ingeneria & Soluciones Informaticas (ISOIN)	SME	Spain	www.isoin.es
Telefonica I & D (Telefonica Investigación y Desarrollo)	Large enterprise	Spain	www.tid.es
Ruter	SME	Norway	www.ruter.no
Ana Aslan Interntional Foundation	R&D	Romania	www.brainaging.ro

Name of the project: MobileSage – Situated Adapted Guidance for the Mobile Elderly

Coordinator: Norwegian Computing Center

Duration: 30 months

Starting Date: July 7. 2011

Total budget: € 2 398 645,00

Public contribution: €1 242 822

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Mylife

Multimedia technology for independence and participation for people with dementia

The primary end-users of the Mylife service are older persons with reduced cognitive abilities, and the secondary end-users are formal or informal car-egivers. The service-model in the targeted areas of the Mylife project is based on the concept of software as a service, i.e., software that is freely available over the internet and is deployed to run on a smartphone with touch-screen. The Mylife project includes:

- Development of a spectre of Mylife functions important for the user's self-serve;
- Development of a Norwegian, English and German version, and adaptation to cultural/legal differences/requirements;
- Development of methodology, including ethical aspects, for trials to evaluate how the service meets the needs of individual primary end-users. User tests (HCI) and field trials (system and service) in three European countries;
- Dissemination and exploitation of the results European-wide.

PARTNERS

Karde AS	SME / Business	Norway	www.karde.no
Tellu AS	SME / Business	Norway	www.tellu.no
Forget-me-not AS	SME / Business	Norway	www.forgetmenot.no
Sidsel Bjørneby Sole Proprietorship	SME / Business	Norway	www.sidselb.no
Housing21	End users	United Kingdom	www.housing21.co.uk
Trent Dementia Services and Development Centre	End users	United Kingdom	www.trentdsdc.org.uk
Berlin Institute for Social Research	Research institute	Germany	www.bis-berlin.de

Name of the project :
Mylife / Multimedia technology for independence and participation for people with dementia

Coordinator: Karde AS, Norway

Duration: 20 months

Starting date: 1 April 2011

Total budget: 1.059.973 €

Public contribution: 620.335 €

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NACODEAL

Natural communication device for assisted living

This system will be an innovative ICT-based solution for the ageing population, well contributing to improve the quality of life, autonomy, skills of this segment while reducing care costs of public healthcare. Even if the primary goal of the project is to create a physical device (hardware), it will also be essential NACODEAL's success to design an appropriate service model which fits the end-user needs. During the unwinding of this project, there will be a deep service model analysis based on the two organizations of end-users involved in the project. The initial services that the device will integrate are:

- "Technology wizard" services: aimed at helping elderly people to increase their participation within the ICT society (based on the LibreGeoSocial framework online shopping and social communication services will be implemented)
- "Independent life" services: augmented reality guides aimed at supporting the elders during daily activities

PARTNERS

Instituto Tecnológico de Castilla y León	R&D	Spain	http://www.itcl.es
Ibernex	business	Spain	http://www.ibernex.es/ES/Index.php
Cooss Marche	End-users	Italy	http://www.cooss.marche.it/
E-senior	End-users	France	http://www.eseniors.eu/
Imaxdi	SME	Spain	http://www.imaxdi.com/home.php?lenguaje=esp

Name of the project :
Natural communication device for assisted living / "NACODEAL"

Coordinator: Instituto Tecnológico de Castilla y León

Duration: 30 months

Starting date: 1 October 2011

Total budget: 2.543.314,00 €

Public contribution: ITCL_183.653,73 € + 141.569,77€
Ibernex_ 127.235,63€ + 98.079,82€
Imaxdi_151.053,76€ + 116.440,04€
Esseniors_196.382,00€

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SAAPHO

Secure Active Aging: Participation and Health for the Old People

The ultimate goal of SAAPHO is the self-serve, independence and dignity enhancement of seniors through innovative ICT-based solutions. In order to effectively design and apply these tools, SAAPHO will be implemented within a truly user-centred design process in which the three axes of Active Ageing are represented: healthcare with self-care devices, participation in easy-to-use communication and security in the home environment. All these services are seen as gateways connected to the Saapho AAL middleware which mediates with the user interface application to eventually provide these services to the user. The Saapho middleware a part from orchestrate all these communications, additionally is in charge of providing to the user application personalised interface adaptations, enhancing the usability of this application.
Three aspects are foreseen in the scope of SAAPHO to mitigate the easiness of use along with accessibility, deployability into an existing life ambient. Firstly, a tactile screen, which is a more intuitive form of interaction, as the central user interface to access to all functionalities. Secondly, a portable system that will provide the envisaged services to the user by means of a NFC (Near Field Communication) enabled mobile phone and NFC reader connected to a PC, laptop and similar. Thirdly, the deployment of inconspicuous sensors for health and security services, which by assisting and not impeding the user will be highly accepted.

PARTNERS

Barcelona Digital Centre Tecnològic	R&D	Spain	http://www.bdigital.org
L'Institut d'Envelliment	end-user	Spain	http://www.envelliment.org
TECHNOSITE	Large	Spain	http://www.technosite.es
Aibis Informationssysteme GmbH	SME	Germany	http://www.aibis.de
Zveza društev upokojencev Slovenije	end-user	Slovenia	http://www.zdus-zveza.si/
Cypak	SME	Sweden	http://www.cypak.com/
Touchtech	SME	Sweden	http://www.touchtech.se
FhG – Fraunhofer-Gesellschaft zur Fördering der angewandten Forschung e.V. - Institute für Zuverlässigkeit und Mikrointegration	R&D	Germany	http://www.izm.fraunhofer.de/

Name of the project :
Secure Active Aging: Participation and Health for the Old People (SAAPHO)

Coordinator: Barcelona Digital Centre Tecnològic (BDIGITAL)

Duration: 36 months

Starting date: 1 July 2011

Total budget: 3.072.388 €

Public contribution: 1.685.516, 37 €

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SOCIALIZE

Service Orlented Assisted Living InfrastucturE

The project SOCIALIZE develops itself in three technologic macro areas to implement:

1. a service-oriented software architecture to supply network services with cloud computing modalities,
2. a set of user interfaces and access devices (with a particular focus on mobile devices) to optimize the experience of using the services that are available in the network for first level end-users (elderly people)
3. a set of software tools to implement services. The tools will be available to social organizations, which will enable them to implement and provide their services through the SOCIALIZE platform.

The SOCIALIZE platform will offer information and entertainment content geared to the needs and interests of elderly people, content which will be provided in a barrier-free and user friendly way tailored to this age group and across the different SOCIALIZE devices.

PARTNERS

IRIS CONSORTIUM SRL	SME	Italy	www.irisconsortium.eu
Italian National Council of Research (ISTI-CNR)	R&D	Italy	www.isti.cnr.it
Fondazione Politecnico di Milano	R&D (University)	Italy	www.fondazionepolitecnico.it
Consorzio Nazionale IDEE IN RETE	end-users	Italy	www.ideeinrete.coop
Spring Techno GmbH & Co KG	SME	Germany	www.springtechno.de
Asociacion de Investigacion de la Industria Textil	R&D	Spain	www.aitex.es
Embedded Technologies Innovation Center s. coop.	SME	Spain	www.embedded-technologies.org
SUPSI TTHF - Telecom Telemetry and High Frequency	R&D	Switzerland	www.tthf.supsi.ch
Casa Santa Lucia	End user organization	Switzerland	www.casasantalucia.ch

Name of the project :
Service Orlented Assisted Living InfrastucturE

Coordinator: IRIS Consortium srl

Duration: 36 months

Starting date: 1 May 2012

Total budget: 3,847,772.40 €

Public contribution: 1,956,381.00 €

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STIMULATE

Sustainable E² Mobility services for elderly persons

Using a user-centered design methodology, STIMULATE will enable seniors to specify their assistance needs, to extensively plan a trip, to optimize the transport means and itineraries, to secure advice, to be provided with personal assistance while on the move, as well as to secure local shopping recommendations and assistance. Advanced user communication technologies will be used for interactions, namely adapted graphical representations and navigation using common place terminals (PC, mobile phones and tablets), as well as multimodal natural / seamless expression. Advanced knowledge based GIS technologies will be used for processing and personalizing seniors travel and shopping requests, optimizing transport itineraries, providing travel assistance, securing health care support, and enacting the overall execution of the planned travel and shopping. For ease of use all the services offered by the "STIMULATE" platform will be accessible via web browsing, for PC, tablets and mobile phones through the use of the W3C approved HTML5 standard.

As a part of the end- user involvement strategy, user groups will be defined, selected and recruited according to a well-defined profile which will be created in early steps of the project. This plan considers: sampling requirements, ethical regulations and several strengths of different user and stakeholder groups which are located in different cities. Older people without any significant cognitive impairment will be the main user group of the project. The aim of the involvement procedure is to cover all the common characteristics associated with that age relevant to travel and shopping activities of older people.

PARTNERS

Centre de Recherche Public Henri Tudor	R&D	Luxembourg	www.tudor.lu
Cybercultus	SME	Luxembourg	www.cybercultus.lu
Technische Universitat Wien	R&D	Austria	http://www.tuwien.ac.at/
Utrecht School of the Arts	R&D	Netherlands	http://www.hku.nl/web/English/UtrechtSchoolOfTheArts.htm
Au fil des Cévennes	end-users	France	
E-Seniors	end-users	France	http://www.eseniors.eu/
Europäische Arbeitsgemeinschaft Osterreich - EURAG	end-users	Austria	http://www.eurag.at/
Dessine-moi mon répit – DMMR Tourisme	end-users	France	http://www.alloj.fr/pages/decoration/DECLIC/declic.html

Name of the project :
Sustainable E² Mobility services for elderly persons STIMULATE

Coordinator: Public Research Centre Henri Tudor

Duration: 2 years

Starting date: 1 September 2011

Total budget: 1 748 019 €

Public contribution: Luxembourg: 734 305 €
Austria: 244 686 €
Netherlands: 114 600 €
France: 196 346.80 €

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Website: www.stimulate-aal.eu

vAssist

Voice Controlled Assistive Care and Communication Services for the Home

The goal of vAssist is to provide specific voice controlled Home Care and Communication Services for older persons. The consortium considers user, technical and economic constraints in a sound methodological setup. A User Centred Market Oriented Design process (UCMOD) involves end users in all phases of the development process considering market aspects from the initial project phase. This procedure assures that the iteratively developed service and business model(s) are adapted to the requirements and needs of older persons showing a high market potential within the next 2-3 years. In the requirement phase focus groups in three different countries (AT, FR, IT) will involve seniors, family members and health professionals. Further, iterative lab and field trials will focus on the evaluation of the developed solution together with all actors focusing on usability, accessibility, user experience and acceptance of the vAssist system.

PARTNERS

CURE - Center for Usability Research and Engineering (CURE)	R&D	Austria	http://www.cure.at
Institut-Télécom (IT)	R&D	France	http://www.telecom-paristech.fr
Ecole Supérieure d'Ingénieurs en Electronique et Electrotechnique (ESIEE)	R&D	France	http://www.esiee.fr
Integrazioni e Sistemi SpA (I&S)	SME	Italy	http://www.isspa.it
Shankaa	SME	France	
ASICA Électronique Industrielle	SME	France	http://www.asica.com
PL.O.T EDV-Planungs- und HandelsGesmbH (PLOT)	SME	Austria	http://www.plot.at
Assistance Publique des Hôpitaux de Paris (AP-HP)	End-users	France	http://www.aphp.fr
EURAG Austria	End-users	Austria	http://www.eurag.at
MobyView (MV)	SME	France	http://www.mobyview.com

Name of the project :
Voice Controlled Assistive Care and Communication Services for the Home (vAssist)

Coordinator: CURE - Center for Usability Research and Engineering (CURE)

Duration: 36 months

Starting date: 1 December 2011

Total budget: 2.345.104,00 €

Public contribution: 1.432.218,00 €

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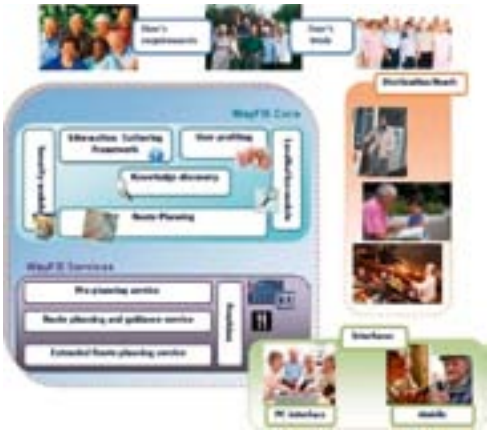
Modecenterstrasse 17 / Object 2
1110 Vienna, Austria

Website: http://vassist.cure.at

WayFis

Way Finding Seniors

TWayFiS is a personalized way finding service for elderly people (considering both public transport and paths by foot) focused on the objective of making the elderly feel healthy-well and safe (not technology centered) and that takes into account their specific limitations and healthy habits,
WayFiS is based on the existence of a wide range of personalization features, building up user pro les, and that include the health state of the person and his common behaviors and needs. ; it will include a localization and positioning feature as well for both indoor and outdoor environments that will guide the elderly along complex paths.
WayFis technology methodology will be based in the creation of a route planning gadget friendly for the elderly combined with a personalization route mechanism based on user's common and daily behaviours, healthy habits and elderly limitations.



PARTNERS

HI-Iberia Ingeniería y Proyectos S.L.	SME	Spain	www.hi-iberia.es/
University of Geneva	University	Switzerland	www.unige.ch/
ArxIT SA	SME	Switzerland	www.arxit.com/
CETIEX	End-User	Spain	www.cetiex.es/
Bay Zoltán Foundation For Applied Research, Institute for Applied Telecommunication Technologies	RTO	Hungary	www.bzlogi.hu/bzaka/bzaka_angol.main.page
Hársfalevél care facility (Ltd.)	End users	Hungary	www.harsfalevel.hu/

Name of the project :
Way Finding Seniors

Coordinator: HI-Iberia Ingeniería y Proyectos S.L.

Duration: 30 months

Starting date: 1 March 2011

Total budget: 1.540.410 €

Public contribution: 870.526€

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AMBIENT
ASSISTED
LIVING

CALL 4

ICT-based solutions for advancement of older persons' mobility

ALICE

Assistance for Better Mobility and Improved Cognition of Elderly Blind and Visually Impaired

Assistive device Alice will consist of smartphone wirelessly connected to local or in perspective remote processing unit. Apart from the camera, Alice will utilise sensors for position detection, orientation, movement and distance from obstacles. The position and distance mapping will be cross-referenced and processed in combination with the visual information, avoiding ambiguities in the semantics. Alice will use artificial intelligence to plan and anticipate based on fusion of sensory inputs and previous knowledge. The system will verbalize its perceptions trough intuitive audio system and synthesised voice to translate visual to verbal in comprehensive and user friendly manner. The user will be able to communicate with the system through a voice interface.

Principal end users are elderly blind who will be involved in each iteration of ALICE development by providing suggestions and guiding the change of requirements according to their experiences. Other users of the system are relatives and carers who will set-up and share routs for navigation leading to the development of a respective community.

PARTNERS

Comland d.o.o. IT Solutions Development	SME	Slovenia	www.comland.si
Information and Image Management Systems, S.A.	SME	Spain	http://www.ims.es/
Institut Mines-Télécom	R&D	France	http://www.mines-telecom.fr
Alpineon d.o.o.	SME	Slovenia	http://www.alpineon.com
Union of the Blind and Partially Sighted of Slovenia	End-user	Slovenia	http://www.zveza-slepih.si/
Communication for Blind and Disabled People ltd.	End-user	United Kingdom	http://www.screenreader.net/
Granite 5 Limited	SME	United Kingdom	http://www.granite5.com/

Name of the project: Assistance for Better Mobility and Improved Cognition of Elderly Blind and Visually Impaired - ALICE

Coordinator: Comland d.o.o. IT Solutions Development, Slovenia

Duration: 30 Months

Starting Date: June 1, 2012

Total budget: € 1.797.253

Public contribution: € 1.107.169

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ASSAM

Assistants for Safe Mobility

For non-electric platforms, the Navigation Aid comprises odometry hardware in cooperation with a smartphone or tablet computer with GPS that interacts with Open Street Maps for precise navigation. Simple dialogues allow natural language interaction. Using additional laser-range sensors, the Driving Aid enhances the safety by recognising and warning for steps and obstacles, also enabling indoor navigation. For electrically powered platforms, the Navigation Assistant proactively corrects the driving direction, steering and braking accordingly. Fully autonomous driving will be supported in charted indoor environments. The care centre connection is activated manually, or automatically in case of a fall or crash, and permits the caregiver to visually inspect the situation when authorised by the user. End-users will be involved from the beginning in the design and evaluation of the mobility assistants for everyday usability. The iterative schedule implies two refinement phases, where the initial prototypes will be adapted according to the users' feedback.



PARTNERS

DFKI GmbH	R&D	Germany	www.dfki.de
Budelmann Elektronik	Care Centre	Germany	www.budelmann-elektronik.com
Johanniter-Unfall-Hilfe e.V.	Care Centre	Germany	www.johanniter.de
neusta mobile solutions GmbH	R&D	Germany	www.neusta.de
Universitat Politécnica de Catalunya	R&D (University)	Spain	esaii.upc.edu
Centre de vida independent	User Org. (SME)	Spain	www.cvi-bcn.org
Utrecht School of the Arts	R&D (University)	Netherlands	kmt.hku.nl
Stichting Bartiméus	User Org. (SME)	Netherlands	www.accessibility.nl
Ecobike,	R&D	Spain	www.ecobike.com
Lifante Vehicles, S.A.	Company (SME)	Spain	www.lifante.net

Name of the project: Assistants for Safe Mobility – ASSAM

Coordinator: German Research Center for Artificial Intelligence (DFKI GmbH)

Duration: 36 Months

Starting Date: June 1, 2012

Total budget: € 2.979.164

Public contribution: € 2.039.942

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ASSISTANT

Aiding SuStainable Independent Senior TrAvellers to Navigate in Towns

Enabling older users to confidently and safely use public transport, and providing a safety net when route mishaps happen, is the goal of the ASSISTANT project. The main target group of ASSISTANT is mobile older people, particularly when they are travelling to novel places or beginning to use public transport, or after stopping driving.

The system will be developed with primary end-users' involvement and iteratively evaluated with three different public transport systems in Vienna, San Sebastian and Paris. Both the concepts and the low fi prototypes will be re-designed after each feedback cycle until the product achieves the defined goals from end-users' perspective.

Key to ASSISTANT's simple success is the use of well-tested and robust technologies, (i.e. the PC, smart phone and GPS), combined with customisable user interfaces and consideration of unexpected events and their consequences. The ASSISTANT product will be ready to market after completion of the project.

PARTNERS

Fundación Tecnalia	LAE	Spain	www.tecnalia.com
Andago Ingeniería S.L.	SME	Spain	www.andago.com/
Citruna Technologies Oy	SME	Finland	www.andago.com/
E-Seniors	SME	France	www.eseniors.eu/
Fara OY	SME	Finland	http://www.fara.no/
Transport & Travel Research Ltd.	SME	UK	http://www.ttr-ltd.com/
University of Vienna	UNI	Austria	http://www.univie.ac.at/en/
VTT Technical Research Centre of Finland	R&D	Finland	http://www.vtt.fi/?lang=en

Name of the project: Aiding SuStainable Independent Senior TrAvellers to Navigate in Towns – Assistant

Coordinator: Fundación Tecnalia, Spain

Duration: 36 Months

Starting Date: June 1, 2012

Total budget: €2.666.015

Public contribution: €1.410.848

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Website: http://www.aal-assistant.eu/

COM'ON

Confident Motion

COM'ON addresses the perceived orientation/navigation challenges and special needs that older persons experience throughout the whole chain of travel, using public transportation.
COM'ON will exploit the assistive capability of smartphones by addressing dual-task coping issues that older persons face when managing information and navigation in public sphere. On the move interfaces will be designed to reflect the physical and mental resources of the older persons in accordance with universal design principles.
A key success parameter will be careful flawless integration and design of already existing technologies and services, guided by a deep understanding of end-users' needs and wishes, provided by innovative ethnography, co-creation and real life tests.

PARTNERS

Copenhagen Living Lab	SME	Denmark	www.copenhagenlivinglab.com
Xtel	SME	Denmark	www.xtel.dk
ACTIMO	SME	Denmark	www.actimo.dk
Laurea University of Applied Sciences	Public Knowledge Institute	Finland	www.laurea.fi
Nearparent Oy	SME	Finland	www.nearparent.com
Enthoven Associates	SME	Belgium	www.yellowwindow.com
Concept Factory	SME	Luxembourg	www.conceptfactory.lu
I2CAT	Ngo	Spain	www.i2cat.net
City of Luxembourg	USER ORGANIZATION	Luxembourg	www.vdl.lu
Waag Society	NGO	Netherlands	http://waag.org

Name of the project: Confident Motion – COM'ON
Coordinator: Copenhagen Living Lab, Denmark
Duration: 28 Months
Starting Date: March 1, 2012
Total budget: 2.698.711 €
Public contribution: 1.444.665 €
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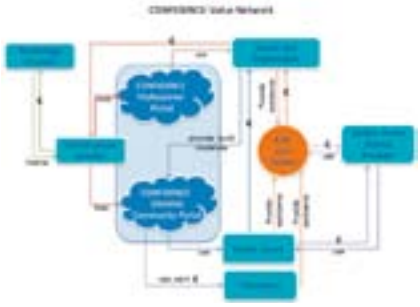
CONFIDENCE

Mobility Safeguarding Assistance Service with Community Functionality for People with Dementia

CONFIDENCE offers a location-augmented voice channel (care persons are able to assist lost patients with voice instructions in order to bring them back to well-known places), a virtual video channel (clients are able to see a trusted care person for creating a sense of confidence and security), a location tracking service (with the client's consent the person can be automatically tracked on an electronic map while being on the move), and finally, a mobile care service (allowing care persons to be mobile themselves while instructing their clients). To keep service costs low, a credits system based on emerging mobile payment technologies will be established. To ensure a high acceptance of CONFIDENCE, end users (people with dementia, family members, professionals from home care agencies and trusted volunteers) will be involved in all phases of the projects.



PARTNERS

Salzburg Research Forschungsgesellschaft m.b.H.	R&D	Austria	http://www.salzburgresearch.at/
iHomeLab, Hochschule Luzern	R&D	Switzerland	http://www.ihomelab.ch/
Raiffeisenlandesbank Kaernten -Rechenzentrum und Revisionsverband, reg. Gen.m.b.H.	business	Austria	https://www.raiffeisen-rechenzentrum.at/
ilogs mobile software GmbH	SME	Austria	http://www.ilogs.at/de/
Presence displays bv.	SME	Netherlands	http://www.yooom.com/
Ralph Eichenberger Szenografie Cinematografie Fotografie	SME	Switzerland	http://www.szenografie.com/
Hilfswerk Salzburg	End user	Austria	http://www.hilfswerk.at/salzburg/
terzStiftung	End user	Switzerland	http://www.terzstiftung.ch/
Ana Aslan International Foundation/ Academy of Ageing	End user	Romania	http://www.brainaging.ro/
Swisscom Participations Ltd	business	Switzerland	http://www.swisscom.com/en/ghq/portrait/company/company-structure/swisscom-participations.html

Name of the project: Mobility Safeguarding Assistance Service with Community Functionality for People with Dementia - CONFIDENCE

Coordinator: Salzburg Research Forschungsgesellschaft m.b.H.

Duration: 36 Months

Starting Date: June 1, 2012

Total budget: € 2.820.158

Public contribution: € 1.526.321,49

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Website: http://www.salzburgresearch.at/en/projekt/confidence_en/

DOSSy

Digital Outdoor And Safety System

Supporting outdoor activities is a fast growing and important field in the area of software and hardware development. Taking into account, that outdoor activities become a more and more important part of the lives of elderly people it stands for a self-determined life to be able to practise outdoor activities irrespective of one's age and constitution. Furthermore, outdoor activities contribute largely to the health and wellbeing of the elderly and improve their quality of life. A commercial roll out of the system can contribute to a better health, enabling elderly people to keep up their mobility.
The frontend solution will be evaluated by end-users during the development process using an appropriate mobile device and an app to improve its usability by receiving consumer feedback.

PARTNERS

University of St. Gallen	R&D	Switzerland	http://www.iwi.unisg.ch
University of Applied Sciences St. Gallen	Type (end-users, business, SME, R&D)	Switzerland	http://www.fhsg.ch
Curena AG	SME	Switzerland	http://www.curena.ch
Augmentra Ltd.	SME and end-users	UK	http://www.viewranger.com
Bergverlag Rother GmbH	SME	Germany	http://www.rother.de
German Red Cross Herten	end-users	Germany	http://www.drk-herten.de
Schweizer Alpen Club (SAC)	end-users	Switzerland	http://www.sac-cas.ch

Name of the project: Digital Outdoor And Safety System (DOSSy)

Coordinator: University of St. Gallen, Institute of Information Management

Duration: 24 Months

Starting Date: August 2012

Total budget: € 1.568.577,10

Public contribution: € 733.757,90

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Website: http://www.dossy-aal.com

E-MOSION

Elderly friendly MObility Services for Indoor and Outdoor sceNarios

The solution will be based on a combination of existing and future open mobile platforms, an IP connected server platform and a home security sensor network. Applications for these will be developed and customized. Furthermore, an accessory portable easy-wearable device will allow easy control the main functionalities of the service to interface with the mobile phone. The development and analysis of applications consists of two parts: the identification of services and features to be exploited and / or offer and the development of a user friendly graphic interface. This methodology allows the exploitation of services developed by applications from other platforms by eliminating duplication and ensuring interoperability, scalability and easy development of new features. E-MOSION will involve users extensively in the requirements analysis, the usability engineering and evaluation tasks. Involvement of the end users means to investigate users' needs and wishes addressed to the project objectives.

PARTNERS

INTEGRASYS	SME	Spain	http://www.integrasys-sa.com/
AIT Austrian Institute of Technology GmbH	R&D	Austria	http://www.ait.ac.at/
Noldus Information Technology BV	SME	Netherlands	http://www.noldus.com/
INERTIA Technology	SME	Netherlands	http://inertia-technology.com/
MATTERSOFT	SME	Finland	http://www.mattersoft.fi/
Unie KBO	End-user	Netherlands	http://www.uniekbo.nl/

Name of the project: E-MOSION: Elderly friendly MObility Services for Indoor and Outdoor sceNarios

Coordinator: Integrasys S.A.

Duration: 30 Months

Starting Date: July 1, 2012

Total budget: € 2,413,672.80

Public contribution: € 1,538,170.00

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eStockings

New generation smart compression stockings with integrated ICT for superior customized performance

The project implementation is based on an iterative strategy. A first phase is dedicated to the development of a pre-prototype with the basic functionalities. After testing and evaluation of the performance of the pre-prototype, the results will be used to guide a second phase of development, which will deliver the final prototype. The implementation of the project will be based on a user-centred approach. As such, end-users are engaged at all stages of the project development and are invited to work closely with the RTD Performers and the company partners to reach a simple, intuitive and appealing final solution that reflects user needs and expectations.

Depending on the success of the pre-prototype version, the second phase of development will either be dedicated to (1) fine tuning of the basic functionalities and incorporation of additional features envisaged for the advanced version of the technology, or (2) wide re-design of the basic functionalities to implement contingency approaches and achieve the success criteria for the compression solution.

PARTNERS

Aarhus University, Department of Engineering	R&D	Denmark	http://eng.au.dk/en/
Tampere University of Technology	R&D	Finland	http://www.tut.fi/en/units/departments/materials-science/research/textile-and-fibre-materials/index.htm
University Hospitality Basel	R&D	Swiss	http://angionet.ch/
Silvergreen Oy	SME	Finland	http://www.silvergreen.fi/
Handywear	SME	Denmark	http://www.handywear.dk/
Nonwowens Innovations and research Institute	SME	UK	http://www.nonwovens-innovation.com/
Tisturion	SME	Denmark	http://www.tisturion.dk
The Lindsay LegClub Foundation	end-users	UK	http://www.legclub.org/
Curaviva	end-users	Swiss	http://www.curaviva.ch/index.cfm/E980796A-1C23-4C99-AFFB-8606FC0B1C73/

Name of the project: eStockings – New generation smart compression stockings with integrated ICT for superior customized performance

Coordinator: Tisturion

Duration: 1. February 2012 – 31. January 2015

Starting Date: 1. February 2012

Total budget: € 1.934.259

Public contribution: € 1.165.280

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Denmark

Website: http://www.e-stockings.eu/

GameUp

Game-based mobility training and motivation of senior citizens

The project will develop a platform for social and exercise games that shall motive elderly to exercise more and correctly. Game-based technologies and persuasive technologies will be used to motivate the elderly to perform good exercises. Experiences from elderly playing existing exergames (like Wii and Kinect) will be used in combination with the combined knowledge in the project about needs and limitations for our target group. Exercise games shall be playable from home, and shall have social elements that motivate the elderly to play and exercise together. Existing input technologies (remotes, cameras etc) will be used – and adapted if needed. Users in all three countries will be involved in all stages in the project. In the beginning they will participate in focus groups where they will try out existing technologies, and discuss what they like, what is difficult, what they would like, etc. Later they will be invited to test preliminary results regularly to direct the course of the project. All participation is voluntary.

PARTNERS

Ibernex	Large enterprise	Spain	http://www.ibernex.es/
UniversityofSeville	Research	Spain	http://www.us.es/
Klinik Valens	End user	Switzerland	http://www.klinik-valens.ch/
Northern Research Institute	Research	Norway	www.itek.norut.no
Cyberlab.org as	SME	Norway	http://www.cyberlab.org/
Tromsøysund menighet	End user	Norway	http://www.ishavskatedralen.no/forsiden.135520.no.html
Fundacion Rural Lab	End user	Spain	

Name of the project: Game-based mobility training and motivation of senior citizens - GameUp

Coordinator: IBERNEX Ingeniería S.L.

Duration: 3 years

Starting Date: 01.04.2012

Total budget: € 2.226.345,00

Public contribution: € 1,041,306.00

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Guiding Light

Guiding Light

Ambient Light Guiding System for the Mobility Support of Elderly People

Light is used to meet visual needs of human (e.g. highlighting risks of falling), is applied for temporal orientation throughout the day (e.g. emphasizing day-night rhythm), for spatial navigation during activities of daily living (e.g. illumination of a defined location areas) and is used as remembering as well as information signal (e.g. light spots and light signals). Light therefore has great potential for attenuation of age-related mobility impairments caused by reduced spatio-temporal orientation, worry about getting lost, and fear of falling.

To make use of light in this sense, we will implement a light wayguidance system in private homes of older people that performs a time- and motion-controlled change of intensity and color temperature of room lightings.

We will use existing lightings in these rooms and supplement them with additional lighting equipment and electrical installation technologies. After modification light characteristics of lamps will change automatically according to the personal daily routine of residents.

This, however, will not be a rigid system. At the same time mobility parameters of the residents will be monitored (such as movements in and outside the home) and the results of analyzing these data will be used to change the programming of light variations. The adjustment of light programming will be done automatically, nevertheless, residents can manually readjust their lights at any time.

The degree of mobility is an important indicator of health. For this reason we will integrate relevant parameters into a distributed information system as the basis for decisions about preventive provisions. This will give residents at any time insight into their health status, which can be shared with persons of trust (e.g. relatives, doctor).

PARTNERS

Fachhochschule Vorarlberg	R&D	Austria	www.fhv.at
Tridonic GmbH & Co KG	SME	Austria	www.tridonic.com
Bartenbach Lichtlabor GmbH	SME	Austria	www.bartenbach.com
myVitali AG	SME	Switzerland	www.myvitali.com
apollis - Institut für Sozialforschung und Demoskopie O.H.G	SME	Italy	www.apollis.it
YOUSE GmbH	SME	Germany	www.youse.de

Name of the project: Ambient Light Guiding System for the Mobility Support of Elderly People, Guiding Light

Coordinator: University of Applied Sciences Vorarlberg (A)

Duration: 36 month

Starting Date: May 1, 2012

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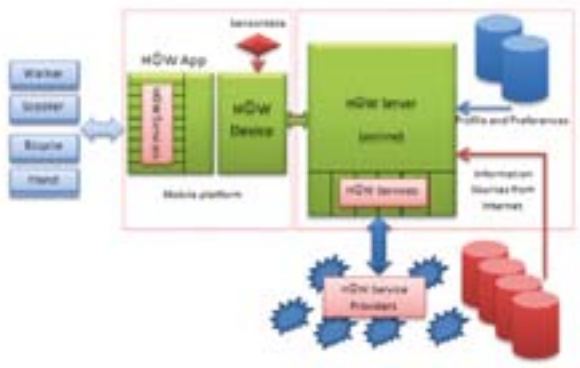
Website: www.guiding-light.labs.fhv.at

Happy Walker

Until now, the technical solutions to support the older adults in their mobility do not address their needs, wishes and capacities. The innovation in this project consists of the development of an easily accessible and affordable platform facilitating a consistent, intuitive and personalized and contextualized set of mobility enhancement services e.g. outdoor monitoring and safety, travel planning and support, self-management and life-style. Personalization refers to both (current) characteristics of the user (profiling) e.g. physical condition, preferences, motivation and (current) characteristics of the direct surroundings e.g. living accommodation, neighborhood and further range of aims and actions of the user e.g. visiting family, public transport. These services should be provided in an unobtrusive way, integrated in typically used assistive technology, and/or other objects, which are daily used by the older adult (i.e. wrist watches or bikes).



PARTNERS

TNO	R&D	The Netherlands	www.tno.nl
Vilans	R&D	The Netherlands	www.vilans.nl
Verhaert	SME	Belgium	http://www.yooom.com/
Zorgpalet	End-user	The Netherlands	www.zorgpaletbaarnsoest.nl
Linkcare	SME	Spain	www.linkcarehs.es
Eljakim	SME	The Netherlands	www.eljakim.nl
I+	SME	Italy	www.i-pui.it
CIBEK	SME	Germany	www.cibek.de
UUAS/HU	R&D	The Netherlands	www.hu.nl
Vision	SME	Spain	www.visionlocalizacion.com

Name of the project: Happy Walker
Coordinator: TNO, The Netherlands
Duration: 36 Months
Starting Date: 1 september 2012
Total budget: € 3.028.000
Public contribution: € 2.063.000
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iWalkActive

The Active Walker for Active People

Active living is a way of life that integrates physical activity into daily routines. However, a large proportion of the age group 60-85 suffers from various kinds of physical disability that prevents them from living actively. Rollators may help but one of their main problems is that people in actual need of walking support often hesitate or refuse to use these walking aids as they are heavily stigmatized. In iWalkActive the user will be provided with an active, desirable walker providing cloud services and a drive based on brushless DC-motors. The user interacts with the active walker by a smartphone or a tablet PC using the touch screen, microphone and speaker. The services make use of indoor and outdoor navigation and include e.g. proposals for walking routes, or navigation to the examining room in a hospital. The sensors of the smart device will be used, e.g. for navigation or image processing. The novel active walker will be thoroughly tested by four different user groups in three European Countries (AT , CH, SE) in both urban areas and the outdoors.

PARTNERS

Hochschule Luzern – Technik & Architektur, iHomeLab	R&D	CH	http://www.ihomelab.ch
AIT Austrian Institute of Technology GmbH	R&D	A	http://www.ait.ac.at
CareGuide GmbH	SME	CH	http://www.careguide.ch
TRIKON Solutions AG	SME	CH	http://www.trikon.ch
Geo7 AG	SME	CH	http://www.geo7.ch
ITH icoserve technology for healthcare GmbH	Business	A	http://www.ith-icoserve.com
Social Services Department of the Kanton Zug	End User	CH	http://www.zg.ch
Trionic Sverige AB	SME	SE	http://www.trionic.se
SPF - Sveriges Pensionärsförbund as 3rd party of TRI	End User	SE	http://www.spf.se

Name of the project: iWalkActive - The Active Walker for Active People

Coordinator: Hochschule Luzern – Technik & Architektur, iHomeLab

Duration: 36 month

Starting Date: August 15th, 2012

Total budget: € 2.827

Public contribution: €1.482

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Website: http://www.ihomelab.ch/index.php?id=20

MOBECS
A Non-stigmatizing MOBility and Emergency Call System Ensuring A Safe Outdoor Mobility Chain

MOBECS

A Non-stigmatizing (MOB)ility and (E)mergency (C)all (S)ystem Ensuring A Safe Outdoor Mobility Chain

The MOBECS consortium is formed by a research institution, a communication service provider, hard- and software manufactures and end user organizations. The target focus group is formed by elderly people. Subgroup 1 is formed by elderly people who live independently in their homes. Subgroup 2 lives in (part-time) assisted living environments. Members of subgroup 3 already live in a retirement home or suffer from either cognitive or physical impairments. We address all subgroups, each characterized by its own needs and degrees of mobility, by a modular service and system architecture. We incorporate automatic emergency detection methods by using sensors (such as accelerometers, gyrometers, microphones, GPS modules, cameras) built in wearable technology, clothing and mobile devices. The proposed system can be accessed via a barrier-free human-machine-interface to account for age- and health-related impairments, which will lead to a maximum on end-user-acceptance and operability.

PARTNERS

Fraunhofer Gesellschaft zur Förderung der angwandten Forschung e.V.	Research Organisation	Germany (DE)	http://www.idmt.fraunhofer.de
ILPER Elektronik GmbH	SME	Germany (DE)	http://www.ilper.net
BeeWare GmbH	SME	Germany (DE)	http://www.beeware.de
IP Communications GmbH	SME	Austria, (AT)	http://www.ahooly.com/
Johanniter Unfallhilfe e.V.	End User/ Business-partner	Germany (DE)	http://www.johanniter.de/
Sonnweid AG	End User/ Business-partner	Switzerland, (CH)	http://www.sonnweid.ch/

Name of the project: MOBECS – A Non-stigmatizing (MOB)ility and (E)mergency (C)all (S)ystem Ensuring A Safe Outdoor Mobility Chain

Coordinator: Fraunhofer Institute for Digital Media Technology
Project Group Hearing, Speech and Audio Technology

Duration: 01.July 2012 – 30.June 2015

Starting Date: 01.July 2012

Total budget: € 3.132.431

Public contribution: €1.989.650

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Project Group Hearing, Speech and Audio Technology
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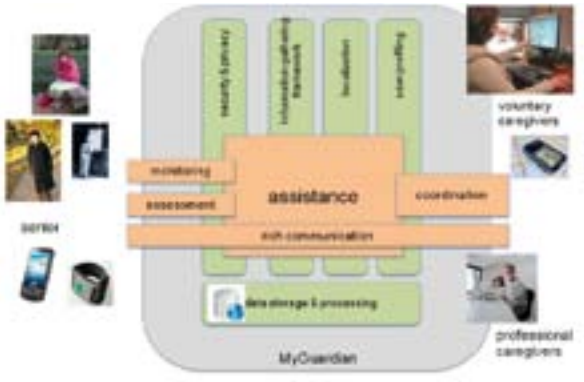
E-Mail: Frank.Wallhoff@idmt.fraunhofer.de

Website: www.mobecs.eu

MyGuardian

A Pervasive Guardian for Elderly with Mild Cognitive Impairments

MyGuardian will provide the following technologies: easy-to-use and rich communication between the mobile senior and the caregivers in order to reassure both caregivers and the senior thanks to the enrichment of communication messages with contextual data on senior's psychological state; remote tracking and assistance that will enable the monitoring of senior physiological state and behaviour in order to detect risk situations and appropriate, personalized intervention, escalating depending on the assessed criticality of the situation; coordination between caregivers that will improve awareness within the group of caregivers, and enable them smooth distribution and delegation of care tasks. Three end-users organizations of Spain, France and The Netherlands. End-user organizations in these three countries will be involved that will provide access to approximately 30-50 seniors with mild cognitive impairments together with their voluntary caregivers and possibly also professional caregivers (e.g., their social nurses).



PARTNERS

HI-Iberia Ingenieria y Proyectos SL	SME	Spain	www.hi-iberia.es
CETIEX	End-user	Spain	www.cetiex.es
University of Geneva	University	Switzerland	www.qol.unige.ch
VigiSense	SME	Switzerland	www.vigisense.com
ConnectedCare	SME	The Netherlands	www.connectedcare.nl
CNRS Ageing, Imaging, Modeling lab	End-User	France	www.agim.eu
Careyn	End-User	The Netherlands	www.careyn.nl

Name of the project: MyGuardian, A Pervasive Guardian for Elderly with Mild Cognitive Impairments

Coordinator: HI-IBERIA Ingeniería y Proyectos SL

Duration: 36 months

Starting Date: 01/05/2012

Total budget: € 2.287.932

Public contribution: €1.394.827

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Spain

PaeLife

Personal Assistant to Enhance the Social Life of the Seniors

Starting with an analysis of the existing Internet services and household ICT devices/gadgets targeted to the citizens and, in particular, to the elderly, that enhance social life and productivity, we will study the existing HCI gaps that hinder their effective adoption by the elderly. From these international studies we will select a set of Internet services and domestic ICT devices and will generate credible usage scenarios and derive corresponding user requirements and pilot applications. The project expects to empower the elderly users with a Personal Life Assistant (PLA), that will mediate and facilitate the interaction of senior citizens, with technological devices such as computers, tablets, game consoles, smartphones and home automation modules. PLA will improve the accessibility to existing services in the web, such as interactive online courses, social and entertainment media. All this will be made possible at people's homes, since elderly have sometimes some level of impairments caused by age, which reduces their mobility.

PARTNERS

MSFT – Software para Microcomputadores, LDA	Company	Portugal	http://www.microsoft.com
INESC ID, Instituto de Engenharia de Sistemas e Computadores Investigação e Desenvolvimento em Lisboa	R&D Institute	Portugal	http://www.inesc-id.pt
BME, Budapest University of Technology and Economics	University	Hungary	http://english.www.bme.hu
The Bay Zoltán Foundation for Applied Research	R&D Institute/ Secondary End User	Hungary	http://www.bayzoltan.hu/bay-ikti
SSW, Knowledge Society Association	Secondary End User	Poland	http://www.ssw.org.pl/
Genitech	SME Company	France	http://genitech.com
University of Technology of Troyes	University/ Secondary End User	France	http://www.utt.fr/en/index.html
University de Aveiro	University	Portugal	http://www.ua.pt/default.aspx?lg=en

Name of the project: PaeLife – Personal Assistant to Enhance the Social Life of the Seniors

Coordinator: MSFT – Software para Microcomputadores, LDA (Microsoft Portugal)

Duration: 24 months

Starting Date: 24/02/2012

Total budget: € 1.700.964,25

Public contribution: € 1.308.551,85

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Website: www.paelife.eu

SafeMove

Safe mobility of elderly in the vicinity of their home and on Journeys

The solution will be designed and developed as an operational infrastructure suitable to provide all the requested functionalities to enhance the quality of life of elderly people and improve their mobility. The operational infrastructure will be designed according to the abstract SOA model and the implementation of prototypes and final system will be carried out by using self-standing components for the hardware platform and web-services and related technologies for the software architecture. This technological choice will allow for a high flexibility and reusability of software and hardware components, concurrent development, and easy management of both the development process and the communication. The operational infrastructure will be the "glue" that will allow the proper and smooth functioning of the relevant technical modules in the solution: motivational and creative games engine, location/navigation personalised tools, Web2.0 tools for social inclusion and communication, multimodal interaction, communication infrastructure.

PARTNERS

megatel GmbH	Industry	DE	www.megatel.de
Neusta Mobile Solutions GmbH	SME	DE	www.neusta-ms.de
InfoConsult GmbH	SME	DE	www.infoconsult.nu
Volkshilfe Oberösterreich	End User	AT	www.volkshilfe-ooe.at
Universität Bern	University	CH	www.unibe.ch
Research House UK	SME	UK	www.researchhouseuk.com
Netural Communication	SME	AT	www.netural.com
e-learning knowledge Solutions LTD	SME	IL	www.e-learning.co.il

Name of the project: Safe mobility of elderly in the vicinity of their home and on Journeys „SafeMove"

Coordinator: megatel Informations – und Kommunikationssysteme GmbH

Duration: 36 months

Starting Date: 1st July, 2012

Total budget: € 2.169.940

Public contribution: €1.160.221

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T&Tnet

Travel & Transport solutions through emotional-social NETworking

Technologically speaking, T&Tnet will make use of a Multimodal travel and transport infrastructure (dealing with network object modelling, label correcting techniques and metaheuristic algorithms to find the shortest viable path from an origin to a destination), System intelligence and artificial reasoning (multimodal behaviour measurement, reasoning and control system (RT-MMC)), Mobile applications (iOS and Android) and a GIS social platform. The T&Tnet project will use a user-centered approach that involves directly end-users throughout the development lifecycle. Three basic principles of this approach will be followed: (a) an early focus on users and their needs, (b) evaluation and measurement of product usage, and (c) iterated design. End-users organizations (FR, SN, ZGZ) will use a variety of techniques and methods to take into account the user's experience for the design of the product features.

PARTNERS

ISOIN	SME	SPAIN	www.isoin.es
TELLU AS	SME	NORWAY	http://tellu.no/?pg=english
Center for Usability Research and Engineering	Research center	AUSTRIA	http://www.cure.at/
Karde AS	SME	NORWAY	http://www.karde.no/
GeoImaging Ltd	SME	CYPRUS	http://www.geoimaging.com.cy/
Instituto Tecnológico de Aragón	Research Center	SPAIN	http://www.ita.es/ita/
Santer Reply SpA con único Azionista	Large Company	Italy	http://www.reply.eu/
Seniornett Norge	End user	Norway	http://www.seniornett.no/
Zaragoza City Council	City Council – end user	Spain	http://www.zaragoza.es/
AP-HP/ Hôpital Broca	Large Hospital – end user	France	http://www.aphp.fr/

Name of the project: T&Tnet - Travel & Transport solutions through emotional-social NETworking

Coordinator: ISOIN – Ingeniería y Soluciones Informáticas S.L.

Duration: 30 months

Starting Date: 01/07/2012

Total budget: € 3.170.229

Public contribution: €1.577.076

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TMM

The MobilityMotivator

MobilityMotivator will integrate a range of state of the art technologies such as a "4D" Contact Point Station, providing accessible, customized and simultaneous verbal and non-verbal communication combined with reading and writing of shared documents, and a Videoconference Goniometer (VCBG), allowing for telemeasures of ranges of motion, into a multi-player GPS navigation gaming environment leveraging La Mosca's technologies in "City Secrets", to provide a truly innovative and fun approach to healthy living and ageing.

Indeed Dr H (secondary enduser) who wants to motivate his older diabetic patient in practising exercise and fighting isolation, will use the 4D Contact station combined with the VCBG, to understand his patients needs, to assess his physical and cognitive capabilities, to encourage him to play according to his personal capabilities, and to monitor these over time, communicating with him from his office in the hospital. Dr H will also be able to download the results achieved in the medical scenarios played by his patient.

PARTNERS

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Name of the project: The MobilityMotivator (TMM)

Coordinator: Université de Versailles Saint Quentin en Yvelines

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List of Project Funded Call1

ICT based solutions for Prevention and Management of Chronic Conditions of Elderly People

- A^2E^2
- AGNES
- ALADDIN
- AMICA
- BEDMOND
- CAPMOUSE
- CARE
- CCE
- DOMEO
- eCAALYX
- EMOTIONAAL
- H@H
- HAPPY AGEING
- HELP
- HERA
- HMFM
- HOPE
- IS-ACTIVE
- PAMAP
- REMOTE
- RGS
- ROSETTA
- SOFTCARE

List of Project Funded Call2

ICT based solutions for Advancement of Social Interaction of Elderly People

- 3rD-LIFE
- ALIAS
- ALICE
- AMCOSOP
- AWARE
- CO-LIVING
- CVN
- EASYREACH
- ELDER-SAPCES
- ExCITE
- EXPRESS TO CONNECT
- FAMCONNECTOR
- FOSIBLE
- GO-MYLIFE
- HELASCOL
- HOMEDOTOLD
- HOPES
- JOIN-IN
- NoBITS
- OSTEOLINK
- PEERASSIST
- SENIORCHANNEL
- SENIORENGAGE
- SI-SCREEN
- SILVERGAME
- SOMEDALL
- TAO
- TRAINUTRI
- V2ME
- WECARE

List of Project Funded Call3

ICT-based Solutions for Advancement of Older Persons' Independence and Participation in the "Self-Serve Society"

- 2PCS
- AALUIS
- ALFA
- AMCO
- BANK4ELDER
- CARE@HOME
- ELDERHOP
- ENTRANCE
- FEARLESS
- FOOD
- GOLDUI
- HOST
- INCLUSIONSOCIETY
- LILY
- MOBILESAGE
- MYLIFE
- NACODEAL
- SAAPHO
- SOCIALIZE
- STIMULATE
- VASSIST
- WAYFIS

List of Project Funded Call4

ICT-based solutions for advancement of older persons' mobility

- ALICE
- ASSAM
- ASSISTANT
- COM'ON
- CONFIDENCE
- DOSSY
- E-MOSION
- ESTOCKING
- GAMEUP
- GUIDING LIGHT
- HAPPY WALKER
- IWALKACTIVE
- MOBECS
- MYGUARDIAN
- PAELIFE
- SAFEMOVE
- T&TNET
- TMM

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AMBIENT ASSISTED LIVING

JOINT PROGRAMME

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