AMBIENT ASSISTED LIVING
JOINT PROGRAMME

AAL AMBIENT ASSISTED LIVING
Technologies for ageing well

Catalogue of Projects 2008-2013

AMBIENT ASSISTED LIVING

JOINT PROGRAMME

WHO WE ARE

The programme is financed by the European Commission and the 22 countries that constitute the partner states of this joint initiative: Austria, Belgium, Cyprus, Denmark, Finland, France, Germany, Hungary, Ireland, Israel, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Slovenia, Spain, Sweden, Switzerland and the United Kingdom. The initial phase of the AAL JP was set up for a duration of 6 years, from 2008 to 2013. The programme´s planned total budget was 600 M€, of which approx. 50% was public funding - from the AAL partner states and the European Commission - and approx. 50% was private funding from participating organisations.

WHAT WE DO

The objective of the AAL JP is to enhance the quality of life of older adults and strengthen the industrial base in Europe through the use of information and communication technologies (ICT). The most important activity of the AAL Joint Programme is the funding of research, development and innovation projects in the field of ICT for active and healthy ageing within the user-driven-innovation and close to market paradigms. It also finances other activities supporting the programme and it organizes the annual Forum to showcase all solutions to the European audience.

USERS & MARKET ORIENTED

Users are always involved in the AAL JP projects and they participate in the development of the solutions. The time-frame for market introduction is two to three years after the end of the project. The AAL JP has had success in helping to create favourable conditions in industry, and many SMEs in particular have greatly benefited from being involved in the programme.

The most important activity of the AAL Joint Programme is the funding of research, development and innovation projects in the field of ICT for active and healthy ageing.

Info & Contacts:
www.aal-europe.eu

AAL
AMBIENT ASSISTED LIVING

PROJECTS FUNDED BY THE AAL JP

CALL 1

ICT Based Solutions for Prevention and Management of Chronic Conditions of Elderly People

AMBIENT ASSISTED LIVING
JOINT PROGRAMME

Adaptive Ambient Empowerment of the Elderly

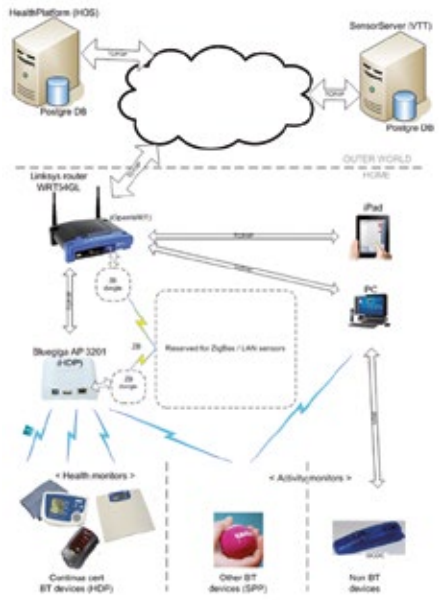
A²E²

Adaptive Ambient Empowerment for the Elderly

The main goal of the A2E2 project was to develop an adaptive and easily expandable ICT solution that addresses physical activity. A2E2 consists of a home-based and a mobile component, integrating off-the-shelf technology (e.g., bio-signal sensors, ambient sensors) and builds on existing structures (e.g., digital television sets, Internet access), thus permitting an individually tailored approach.

The A2E2 system is the end product of this AAL JP project work. End users can have the system installed in their houses and receive personalized virtual coaching and psycho-education for healthy daily activities schedules through connecting to the A2E2platform. The system addresses the need for physical well-being, autonomy, connection, play and learning.

The technological innovations are virtual coaching as well as implicit support and feedback based on sensor information. The social innovation is a significant reduction in health disease due to unhealthy lifestyle patterns, providing more autonomy and connectedness. The expected time to market is 2-3 years. ■



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-user	The Netherlands	www.amsta.nl
VTT Technical Reserahc Centre	R&D	Finland	www.vtt.fi

Coordinator:
VUA University Amsterdam
Duration: 48 months
Starting date: 1 May 2009
Total budget: € 3.074.485
Public contribution: € 2.024.721.72
Contact: Dr. Peter Roelofsma
p.h.m.p.roelofsma@vu.nl
T: +31 655 393 960
Website: http://www.aal-europe.eu/projects/a2e2

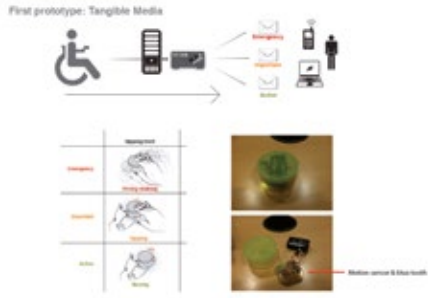
AGNES

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

A home-based system has been developed that allows the connecting of elderly persons with their families, friends and other significant people over the Internet. The resulting system uses ambient displays, tangible interfaces and wearable devices providing ubiquitous options for interaction, and secondary sensors for additionally generating carefully chosen information about the person's wellbeing and activity that can be selectively relayed to significant other persons.

AGNES helps to enrich social networking of elderly people who may be in danger of becoming isolated and enhances feelings of security and social connectedness, without technical intrusion. The technology innovation is an ambient interaction with the social network, without the need of using a computer and an ambient and wearable display of relevant information to the elderly.

The social network platform (Modern Families) is already active on the market. Ambient sensing is in product development status (Modern Families).



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	R&D	Spain	http://portal.uned.es
ModernFamilies	SME	Austria	http://www.modernfamilies.net
Kendro Merimnas Oikoyennias kai Pediou	End-user	Greece	http://www.kmop.gr
ONDA Communication S.p.A.	SME	Italy	http://www.ondacommunication.com
Fundacion Instituto Gerontologico Matia	End-user	Spain	http://www.ingema.es
Skellefteå Kommun	End-user	Sweden	http://www.skelleftea.se

Coordinator:
Umeå University, Dept. of Informatics
Duration: 39 months
Starting date: 1 September 2009
Total budget: € 3.635.370
Public contribution: € 2.045.816
Contact: John Waterworth
jwworth@informatik.umu.se
T: +46 738 111 440
Website: http://agnes-aal.eu

ALADDIN

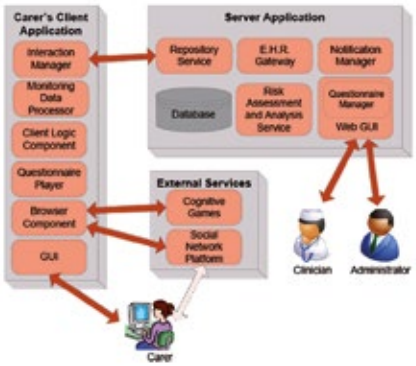
ALADDIN

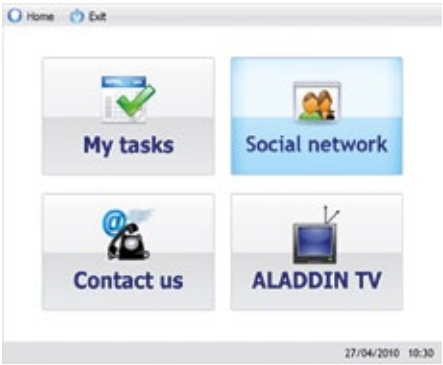
A Technology Platform for the Assisted Living of Dementia Elderly Individuals and Their Carers

The vision of ALADDIN was to develop a trustworthy and reliable system supporting patients with dementia and their informal carers in the management of the disease from home. The system aims to early detect symptoms that predict decline, avoid consequent emergencies and secondary effects and, ultimately, prolong the period that patients can remain safely cared at home. The platform supports carers, patients, clinicians and other service providers in efficiently planning, managing and monitoring the patients' and carers' health status, primarily to avoid emergencies.

The system features described above have a direct impact on the quality of life of dementia patients and their carers, but they might also have a significant impact on the national healthcare systems, allowing for the reduction of costs resulting from the delayed institutionalisation of the patients.

The balance between tools and patient tools would require further investigation. In parallel, technical innovation towards integrated platforms is required to allow a more diverse set of conditions to be managed.





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
University of Bologna	R&D	Italy	http://www.eng.unibo.it
Psychiatric Hospital of Attica	End-user	Greece	http://www.psyhat.gr
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
University of Bologna	R&D	Italy	http://www.eng.unibo.it
ATOS Origin	Large enterprise	Spain	http://www.atosresearch.eu
Aethia Srl	SME	Italy	http://www.aethia.com

Coordinator:
Institute of Communication & Computer Systems
Duration: 27 months
Starting date: 1 September 2009
Total budget: € 1.970.322
Public contribution: € 1.471.673
Contact: Dr. Maria Haritou
mhari@biomed.ntua.gr
T: +30 2 107 723 893
Website: http://www.aal-europe.eu/projects/alladin

AMICA

Autonomy Motivation & Individual Self-Management for COPD Patients

AMICA is aimed at the disease management and medical care of chronic obstructive pulmonary disease (COPD) patients.
The vision of AMICA was to develop a reliable system that supports COPD patients in disease management from home, increases patients' quality of life and levels of therapy compliance, and reduces public and private health care costs, hence, creating interesting business opportunities. The Platform, developed under the AMICA's vision, is a software and hardware product that provides patients, caregivers and clinicians with a range of interaction modes and tools, providing a novel methodology for care delivery at home and taking all relevant actors in the loop.
A physician/patient - centered design was performed to guarantee functionality. Given the resulting ergonomic design, the elderly patient can easily operate the sensor by themselves, without any external help.

PARTNERS

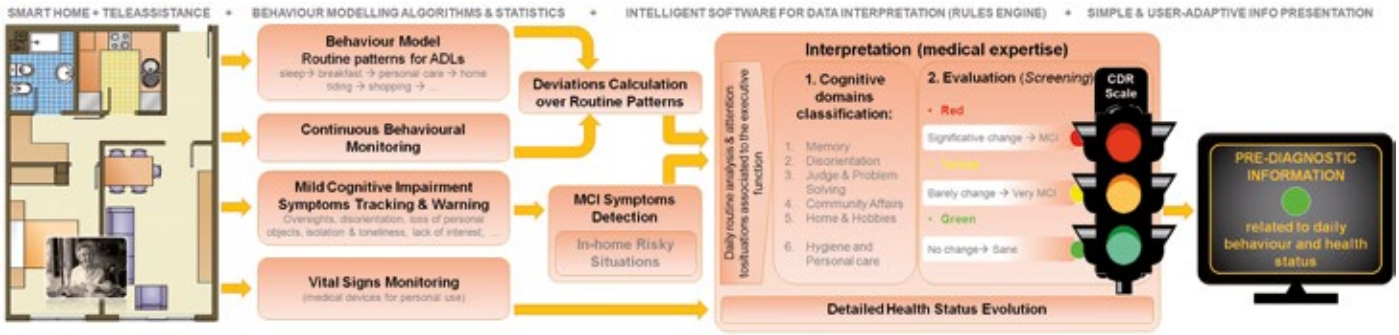
University of Cadiz	R&D	Spain	http://www.uca.es
Puerta del Mar University Hospital of Cadiz	End-user	Spain	http://www.juntadeandalucia.es
Institute of Communication and Computer System	R&D	Greece	http://www.iccs.gr
Forschungszentrum Informatik	R&D	Germany	http://www.fzi.de/index.php/en
MSC Hispania	SME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

Coordinator:
University of Cadiz
Duration: 36 months
Starting date: 1 April 2009
Total budget: € 2.941.362
Public contribution: € 2.784.181
Contact: Luis Felipe Crespo Foix
luis.crespo@uca.es
T: +34 956 015 710
Website: http://www.aal-europe.eu/projects/amica

BEDMOND

Behaviour Pattern Based Assistant for the Early Detection and Management of Neurodegenerative Diseases

BEDMOND project result includes an ICT-based system for an early detection of Alzheimer's disease and other neurodegenerative diseases, focused in elderly people while living at home. The complete platform provides professional tools for health care professionals, caregivers and elder at home.
With such an early detection health professionals can soon apply an also early treatment which helps the elder to live longer in an independent way at home (by delaying as long as possible Alzheimer's disease appearance and progress) whilst decreasing expenses to the Health System (by moving forward in time the institutionalization stage).
Technological innovation comes from the benefit of making use of the whole set of sensor and detection devices installed (and installable) at home, normally for comfort and safety.
Social innovation comes firstly from the benefit of early detecting neurodegenerative diseases and improving and adding extra value to the tele-care services provided by public and private health care services providers.



PARTNERS

TECNALIA Research and Innovation Foundation	R&D	Spain	www.tecnalia.com
INGEMA Foundation	End-user	Spain	www.ingema.es
IBERNEX Ingeniería, S.L.	Large Enterprise	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	SME	Portugal	www.meticube.com

Coordinator:
TECNALIA Research and Innovation Foundation (formerly ROBOTIKER Foundation)
Duration: 36 months
Starting date: 1 June 2009
Total budget: € 2.379.179
Public contribution: € 1.378.564
Contact: Alberto Martínez
alberto.martinez@tecnalia.com
T: +34 943 105 101
Website: www.bedmond.eu

CAPMOUSE

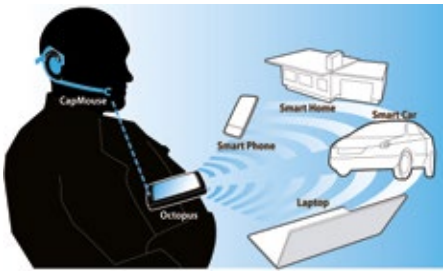
Development of a Non-Invasive CAPacitive Sensor Oral MOUSE Interface for the Disabled Elderly

The CAPMOUSE product is a functional end-user tested prototype of a device, which enables the use of electronic equipment by using ones tongue. The device is non-invasive and looks like any communication headset. The difference is that instead of a microphone, we have a capacitive sensor (developed solely by this project and patented) and to provide usage comfort, the headset and neck of the headset have been designed from scratch.

The CAPMOUSE responds to the need of the elderly with muscle disabilities to control either a phone or a computer, which due to eg. shaking hand is complicated.

CAPMOUSE is a capacitive sensor developed by Brussels Dental, that enables clean and noninvasive, yet accurate control of electronic devices by tongue movement. The sensor has never been produced before and the use of it is also novel.

The expected market entry is in 2014, depending on the market segment.



PARTNERS

Brusell Dental AS	SME	Norway	www.brusell-dental.com/aal
PRO	End-user	Sweden	www.pro.se
HMC International	SME	Belgium	www.hmc-products.com
Lots Design	SME	Sweden	www.lotsdesign.se
Stinct	SME	Sweden	www.shiftdesign.se
Pensionarernas Riksorganisation	End-user	Sweden	http://www.pro.se/Distrikt/Goteborg

Coordinator:
Brusell Dental AS
Duration: 36 months
Starting date: 15 June 2009
Total budget: € 1.131.110
Public contribution: € 540.000
Contact: Tomas Brusell
tomas@brusell-dental.com
T: +47 98 859 914
Website: http://www.brusell-dental.com/aal

CARE

Safe Private Homes for Elderly Persons

CARE developed a non-wearable and stationary mounted bio-inspired stereo vision sensor, which does not record images but only detect motion at a high temporal resolution. The sensor can detect activities without seeing the person, such that privacy is ensured.

The CARE project result is a stationary (non-wearable) smart sensor (like a fire detector), that can be mounted in every home to automatically detect falls and wirelessly sends alarms. Such a system does not exist so far in the market. Two large elderly homes were involved in Germany and in Finland for the CARE pilot testing.

The time to market of the system is ~5 years as some steps are needed: (1) wide evaluation with more test persons, (2) redesign of the sensor as a finalized prototype to be smaller (like a fire detector) and cheaper, (3) and find sensor investors for manufacturing of large quantity and wide deployment. ■

PARTNERS

AIT Austrian Institute of Technology	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

Coordinator:
AIT Austrian Institute of Technology
Duration: 30 months
Starting date: 1 July 2009
Total budget: € 2.380.000
Public contribution: € 1.730.000
Contact: Dr. Ahmed Nabil Belbachir
nabil.belbachir@ait.ac.at
T: +43 505 504 215
Website: www.care-aal.eu

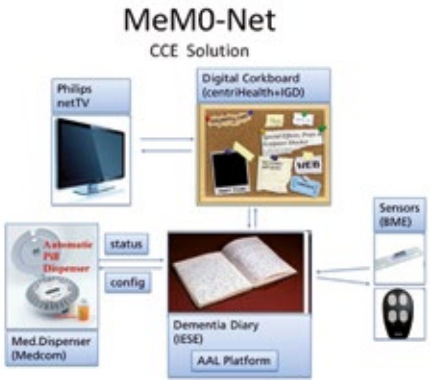
CCE

Connected Care for Elderly Persons Suffering from Dementia

The CCE project has developed the Memo-Net solution for the elderly with early stages of dementia, which will enable them to live a more prolonged life independently. The Memo-Net system consists of the following hardware and software components:

- TP Vision formally 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

From a technological point of view, the memo net system potentially meets requirements of elderly with early stage dementia. It helps create flexible, service-oriented dementia applications that can be taken apart and recombined to meet changing needs more efficiently and effectively.
Memo net holds large potential market and there is a proven interest from resellers.



PARTNERS

Building Research Establishment Limited	R&D	United Kingdom	http://www.bre.co.uk
Budapest University of Technology and Economics, Biomedical Engineering Knowledge Centre	R&D	Hungary	http://english.www.bme.hu
Centrihealth	Large Enterprise	United Kingdom	http://www.centrihealth.com
Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	R&D	Germany	http://www.igd.fraunhofer.de/en
Innomed Medical Inc.	Large Enterprise	Hungary	http://www.innomed.hu
MedCom GmbH	Large Enterprise	Germany	http://www.medcom-online.de
Hungarian Association of Home Care and Hospice	End-user	Hungary	No website
Philips	Large Enterprise	The Netherlands	http://www.philips.com
Peverel	End-user	United Kingdom	http://www.peverel.co.uk
User Interface Design GmbH	Large Enterprise	Germany	http://www.uid.com/en/home

Coordinator:
Building Research Establishment Limited
Duration: 36 months
Starting date: 1 July 2009
Total budget: € 3.000.000
Public contribution: € 1.506.034
Contact: Dr. Ranjit Bassi
bassir@bre.co.uk
Website: http://www.cceproject.eu

domestic robot for elderly assistance DOMEO

DOMEO

The main and more visible result of DOMEO is a modular assistant robot to help dependent persons staying longer and safer at home. It has been evaluated, at different levels, in its cognitive and physical assistance versions. These robots are called Kompaï and robuWALKER.

The main technological innovation in DOMEO is the design of robots and robot mediated services were accepted by final and secondary users during long-term experimentations with real people in real conditions.

The social innovation is tremendous: companion robots allow social link, by being available anywhere at any time in the home, and we demonstrated the acceptability (easy to use) by dependent persons.

It is likely that the time to market ranges from 12 to 18 months.

PARTNERS

ROBOSOFT	SME	France	http://www.robosoft.fr
Institut des systems intelligents et de Robotique	R&D	France	http://www.isir.upmc.fr
University Hospital Centre Toulouse	R&D	France	http://www.chu-toulouse.fr
NILR	End-user	Hungary	http://rehabint.hu
Thales Alenia Space	Large Enterprise	France	http://www.thalesaleniaspace.com
Vienna University of Technology	R&D	Austria	http://www.is.tuwien.ac.at
Budapest University of Technology	R&D	Hungary	http://www.bme.hu
Meditech	SME	Hungary	http://www.meditech.com

Coordinator:
ROBOSOFT
Duration: 36 months
Starting date: 1 July 2014
Total budget: € 2.400.000
Public contribution: 90%
Contact: Vincent Dupourqué
Vincent.dupourque@robosoft.fr
T: +33 559 415 367
Website: http://www.aal-domeo.eu

ECAALYX

Enhanced Complete Ambient Assisted Living Experiment

The exploitable results of the eCAALYX project come in two forms, 1) the eCAALYX system itself and 2) the components of the system that have been developed by each partner.
The outcome of eCAALYX Home System is a robust, auto-configurable and expandable home healthcare solution which at this moment is a prototype.

eCAALYX system offers to the clinical professionals (i.e. carers, doctors, nurses) a tool to provide medical services to enlarge the independent living of elderly at their homes.

The eCAALYX system architecture is, by itself, an innovative approach to user monitoring, providing a reliable and scalable solution, as it was verified during the trials. New and off the shelf components can seamlessly be added, requiring only the development of device drivers, ensuring the system can evolve to meet ever changing user requirements.

Several components include innovative features, such as the garment/Wearable Body Sensor (WBS), the home gateway, the mobile gateway and the data mining system.

PARTNERS

Fundació Privada CETEMMSA	R&D	Spain	http://www.cetemmsa.com
Telefónica Investigación y Desarrollo	R&D	Spain	http://www.tid.es/en/Pages/default.aspx
INESC Porto – Instituto de Engenharia de Sistemas e Computadores do Porto	R&D	Portugal	http://www2.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	Germany	http://www.corscience.de
Fundació Hospital Comarcal Sant Antoni Abat	End-user	Spain	ttp://www.fhcsaa.cat
Fraunhofer Portugal	R&D	Portugal	http://www.fraunhofer.pt/en
TeleMedic Systems, Ltd	SME	United Kingdom	http://www.telemedicsystems.com
Zentrum für Kardiovaskuläre Telemedizin GmbH	End-user	Germany	http://www.ccr.charite.de
National University of Ireland, Galway	R&D	Ireland	http://www.nuigalway.ie

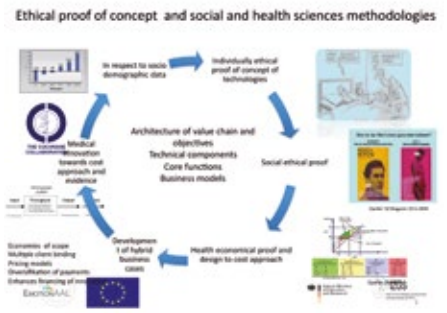
Coordinator:
Fundació Privada CETEMMSA
Duration: 36 months
Starting date: 1 May 2009
Total budget: € 4.118.002
Public contribution: € 2.689.499
Contact: Margarita Hospedales
mhospedales@cetemmsa.com
T: +34 937 419 100
Website: http://www.aal-europe.eu/projects/ecaalyx

EMOTIONAAL

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

1. An **integrated services platform** collecting data from a variety of biosensors to permanently monitor the medical status of the users.
2. The **Plug&Care** connector, an interface to link any additional product or service supplier to the system.
3. 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.
4. 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.

The Portal is on market as of September 2012 in Finland. The Plug&Care-Connector has been licensed.



PARTNERS

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

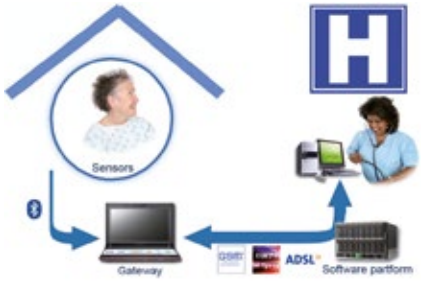
Coordinator:
B. Braun Melsungen AG (BBM)
Duration: 40 months
Starting date: 1 July 2009
Total budget: € 3.200.000
Public contribution: € 1.600.000
Contact: Prof. Dr. Markus Hassler
markus.hassler@staff.uni-marburg.de
T: +49 64 212 824 285
Website: http://www.emotionaal.eu

H@H

Health at Home

By using wearable sensors developed by H@H, 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 involvement of end users' since the first stages of the project was fundamental for the definition of user requirements.
The rationale was to device a flexible and efficient system, taking into consideration both medical and patients' needs and expectations: for the physicians the telemonitoring system can not be an excessive workload with respect to their regular activities, on the other side, the impact on the patient must be minimal.

For these reasons it was developed a system directly integrated with the Hospital Information System (HIS) based on Operating Protocol (OP). 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.



PARTNERS

Consorzio Pisa ricerche Scarl	R&D	Italy	www.cpr.it
Caribel Programmazione Srl	Large Enteprise	Italy	www.caribel.it
Caen Spa	SME	Italy	www.caen.it
Mediasoft Ltd	SME	Slovenia	www.mediasoft.si
Fundación CITIC	R&D	Spain	www.citic.es
Hospitales Universitarios "Virgen del Rocío"	End-user	Spain	www.huvr.es
Fondazione Gabriele Monasterio	End-user	Italy	www.ifc.cnr.it/fgm
Zdravstveni Dom Koper	End-user	Slovenia	www.zd-koper.si

Coordinator:
Consorzio Pisa ricerche Scarl
Duration: 30 months
Starting date: 1 February 2009
Total budget: € 2.699.799
Public contribution: € 1.178.600
Contact: Luca Fanucci
l.fanucci@cpr.it
T: +39 050 221766 8
Website: www.health-at-home.eu

HAPPY AGEING

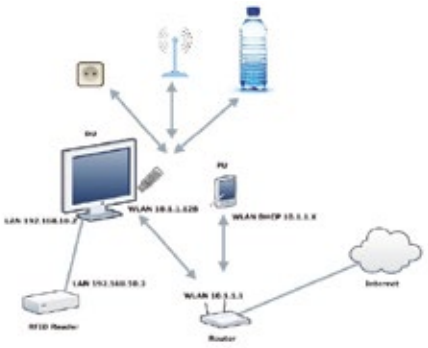
A Home Based Approach to the Years of AGEING

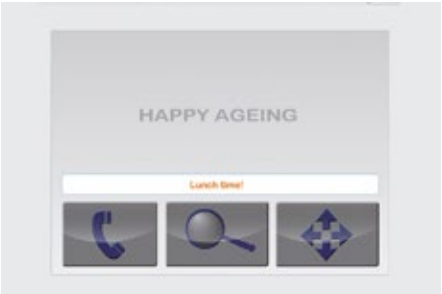
The project was aimed at developing a new device, the HAPPY AGEING system, for the support of older people daily activities, following the user-centred design paradigm.

The HAPPY AGEING system consists in the integration of sensors and other hardware technologies already available on the market in a pervasive intelligent system. In particular, three main modules were elaborated, allowing a flexible combination with the users' needs: a) a lifestyle monitor, for recording the main activities in the home and compare them with the elderly habits; b) a navigation assistant, for supporting user's mobility in close environment; c) a personal assistant, for supporting actions as searching for personal objects.

The comparison of economic costs and benefits has shown that the HAPPY AGEING system provides significant value to the end user, and thus to families and governments, based upon the prolongation of time individuals may continue to live independently.

At the present, the HAPPY AGEING system is available in prototype form, developed to allow a feasibility study of its potential and capabilities.





PARTNERS

Istituto Nazionale Di Riposo E Cura Per Anziani v.e. II	R&D	Italy	www.inrca.it
Fundació Privada Cetemmsa	R&D	Spain	www.cetemmsa.com
Speed Automazione Srl	SME	Italy	Www.speedautomazione.it
Global Security Intelligence Limited	SME	United Kingdom	www.globalseci.com
AB.ACUS Srl	SME	Italy	www.ab-acus.com
Institute Of Sociology, Hungarian Academy Of Sciences	R&D	Hungary	http://socorg.socio.mta.hu
Association Of Catholic Organizations Of Senior Citizens	End-user	The Netherlands	www.uniekbo.nl

Coordinator:
Istituto Nazionale Di Riposo E Cura Per Anziani v.e. II (INRCA)
Duration: 28 months
Starting date: 1st April 2009
Total budget: € 1.673.779
Public contribution: € 986.153
Contact: Dr. Fiorella Marcellini
f.marcellini@inrca.it
T: +39 718 004 788
Website: http://happyageing.info

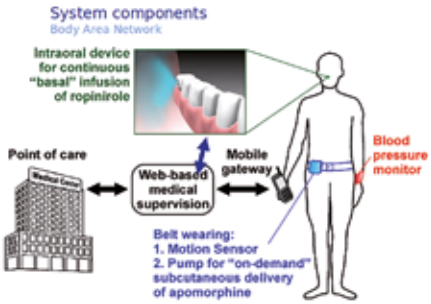
HELP

Home-based Empowered Living for Parkinson's Disease Patients

The HELP project has created two new cutting-edge products that will lead to a major breakthrough in the treatment of Parkinson's disease: a sensor that detects Parkinson's symptoms and an intraoral device that provides a non-invasive way of administering PD medication. The sensor and intraoral devices are connected to the platform by means of a gateway application running on a mobile phone. All developed products were integrated in a system so that doctors were able to monitor and control Parkinson's disease patients.

The HELP project has worked on a cutting-edge drug delivery system that greatly improves the quality of life of patients wearing subcutaneous and duodenal pumps, but also patients following a very strict scheduled oral treatment.

Both products will be distributed as part of the current PD treatment packages provided by pharmaceutical companies. In the case of the sensor, these companies are very interested in including this device in the product portfolio.



PARTNERS

Telefónica I+D	Large Enterprise	Spain	www.tid.es
Tech Research Centre for Dependency UPC	R&D	Spain	www.upc.cat
Hospital Foundation ABAT	End-user	Spain	http://www.fhcsaa.cat
NEVET	SME	Israel	http://www.maccabi4u.co.il
Peh-Med	SME	Israel	http://www.peh-med.com
Telecom Italia	Large Enterprise	Italy	http://www.telecomitalia.com
University of Palermo	R&D	Italy	http://portale.unipa.it
HSG-IMIT	R&D	Germany	http://www.hsg-imit.de
MSG	SME	Germany	http://mobile-solution-group.de

Coordinator:
Telefónica I+D
Duration: 36 months
Starting date: 1 June 2009
Total budget: € 11.625.000
Public contribution: € 4.650.000
Contact: Jordi Rovira Simón
jordirs@tid.es
T: +34 933 653 147
Website: http://www.aal-europe.eu/projects/help

HERA

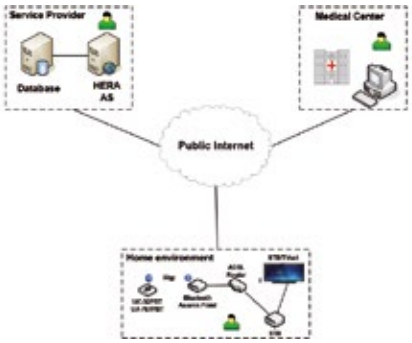
Home Services for Specialised Elderly Assisted Living

The HERA project provided a platform with cost-effective specialised assisted living services for the older adults people suffering from mild cognitive impairments s, which will significantly improve the quality of their home life, extend its duration and at the same time reinforce social networking

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 older adults or the patient;
- The application server may communicate with other home equipment such as medical devices;

HERA's concept is totally in line with service providers' and operators' business plans since it allows them offering value added services together with the standard Internet, double play or triple play services they provide. Many of the services have been already integrated in the A1TA IPTV commercial platform with an expected time to market within 2014.



PARTNERS

A1 Telekom Austria AG	Large Enterprise	Austria	www.telekom.at
ALCATEL-LUCENT Deutschland AG	Large Enterprise	Germany	www.alcatel-lucent.com
SingularLogic S.A	R&D	Greece	www.singularlogic.eu
SOLINET GmbH	R&D	Germany	www.singularlogic.eu
Paris Descartes University	R&D	France	www.univ-paris5.fr
Rotes Kreuz	End-user	Austria	http://www.roteskreuz.at
Diagnostic and therapeutic centre of Athens- "HYGEIA"	End-user	Greece	www.hygeia.gr

Coordinator:
A1 Telekom Austria AG
Duration: 24 months
Starting date: 1 October 2009
Total budget: € 2.549.293
Public contribution: € 1.575.350
Contact: Dr. Manuchehr Ghazanfari
manuchehr.ghazanfari@a1telekom.at
T: +43 6 646 628 136
Website: http://www.aal-europe.eu/projects/hera

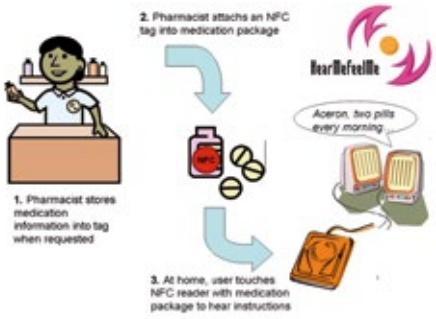
HMFM

HearMeFeelMe

The HEARMEFEELME project aimed 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.

The medication management service concept covered the service chain from the Pharmacy to the home of the vision impaired older user. The results of the project tackles the problem of identifying objects when the user has problems with their eyesight, and the user interfaces of traditional computing devices are challenging because of decreased vision and hand-eye coordination.

The project originally concentrated only on medication management, but one of the results was expanded to cover audio tagging of any objects. Estimated time to market: 2 years.



PARTNERS

Technical research Centre of Finland VTT	R&D	Finland	www.vtt.fi
Finnish Federation of visual impaired FFVI	End-user	Finland	www.nkl.fi
Caritas Foundation	End-user	Finland	www.caritas-saatio.fi
Oulun 6. Jousten Apteekki	SME	Finland	http://www.joutsenapteekkioulu.net
Top Tunniste	SME	Finland	www.toptunniste.fi
Tecnalia	R&D	Spain	www.tecnalia.info
National Center for Scientific Research Demokritos	R&D	Greece	www.demokritos.gr

Coordinator:
Technical research Centre of Finland VTT
Duration: 29 months
Starting date: 7 July 2009
Total budget: € 1.600.000
Public contribution: € 1.200.000
Contact: Minna Isomursu
minna.isomursu@vtt.fi
T: +358 408 433 871
Website: http://www.aal-europe.eu/projects/hear-me-feel-me

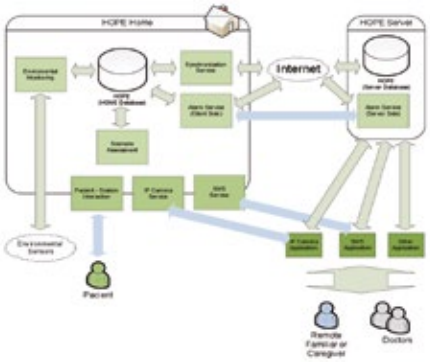
HOPE

Smart Home for the Elderly People

HOPE was a budgeted solution that is installed at the older adults people' homes, providing 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 consisted 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.

The main innovation is primarily on user interface and service concepts. The service and the user interface have been tailored for users who have challenges with mainstream digital applications and devices.

Estimated time to market: 2 years



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	R&D	Italy	www.tracs.it
FORUS Ltd	SME	Italy	www.forus.it
Unita Operativa Geriatra-Ricerca Gerontologia-Geriatria	End-user	Italy	www.operapadrepio.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

Coordinator:
Rhodes Telematics SA (RTEL)
Duration: 24 months
Starting date: 7 July 2009
Total budget: € 2.138.094
Public contribution: € 1.029.199
Contact: Dimitrios Kilias
kilias@rtel.gr
T: +30 2 241 061 031
Website: http://www.hope-project.eu

IS-ACTIVE

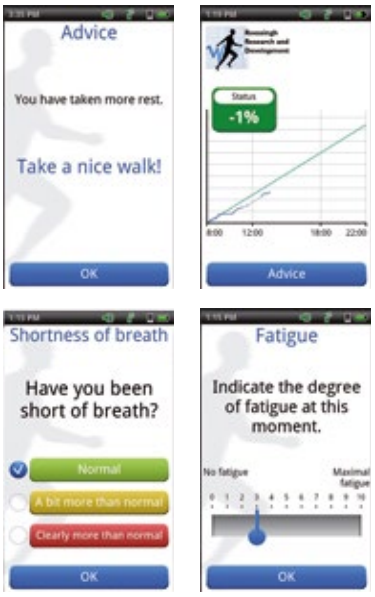
Inertial Sensing Systems for Advanced Chronic Condition Monitoring and Risk Prevention

The general objective of IS-ACTIVE is to devise a person-centric healthcare solution for patients with chronic conditions - especially elderly people - based on miniaturized wireless inertial sensors, which provide distributed motion capture and intelligent recognition of activities and situations. 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.

IS-ACTIVE aims at producing tangible results in the form of fully-functional prototypes with a relatively short estimated time to market (1-2 years).

IS-ACTIVE made an effort to shift medical device technology into the mainstream consumer electronics market. This implied that there is a strong focus towards ease of use, integration and pricing.



PARTNERS

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

Coordinator:
University of Twente
Duration: 36 months
Starting date: 1 April 2009
Total budget: € 1.814.812
Public contribution: € 1.394.777
Contact: Dr. Raluca Marin-Perianu
raluca.marinperianu@utwente.nl
T: +31 534 893 633
Website: www.is-active.eu

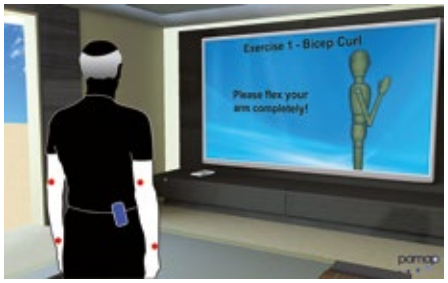
PAMAP

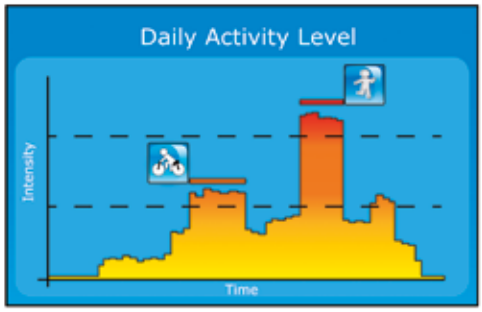
Physical Activity Monitoring for Aging People

PAMAP developed an ICT-based system for accurately monitoring and promoting the physical activity of older adults in both specific structures and in daily life at home for both private (primary prevention) and professional use (secondary prevention and rehabilitation). The purpose of this system is to enable better supervision of therapies and success measures, and encourage elderly to improve their level of physical activity.

The PAMAP system consists of four major self-contained components: Body-worn sensory equipment (miniature inertial sensors, heart rate monitor) and a mobile processing unit are used to acquire information.

Two key innovations of PAMAP are (1) providing a holistic way of physical activity monitoring by supporting monitoring, guidance and follow-up of typical aerobic activities (2) supporting personalized monitoring adapted to the elderly population. Hence, fit and healthy older adults can profit from the PAMAP technology, as well as, i.e. cardiac or functional patients, who represent a high percentage of cases in the elderly population.





PARTNERS

German Research Center for Artificial Intelligence GmbH DFKI	R&D	Germany	http://www.dfki.de
INTRACOM TELECOM	Large Enterprise	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

Coordinator:
German Research Center for Artificial Intelligence GmbH DFKI
Duration: 36 months
Starting date: 1 July 2009
Total budget: € 2.771.929
Public contribution: € 1.987.369
Contact: Prof. Dr. Didier Stricker
Didier.Stricker@dfki.de
T: +49 63 120 575 3500 / 3510
Website: http://www.pamap.org

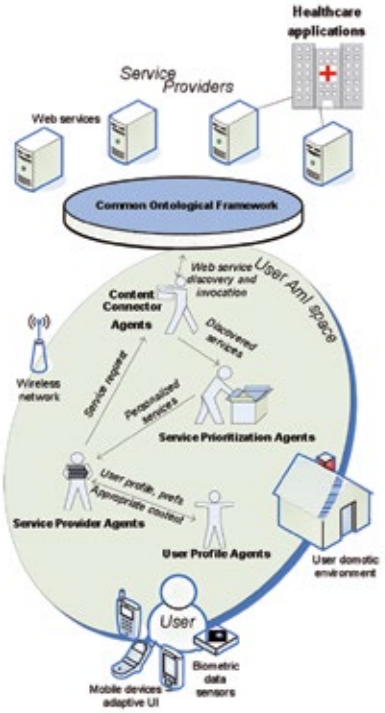
REMOTE

Remote Health and Social Care for Independent Living of Isolated Elderly with Chronic Conditions

REMOTE aimed at defining and establishing a multidisciplinary and integrated approach to R&D of ICT for addressing, in real life contexts, identified needs of frail older adults, especially of citizens at risk due to geographic and social isolation in combination with chronic conditions, such as hypertension, arthritis, asthma, stroke, Alzheimer's disease, and Parkinson's disease, and the coexistence of lifestyle risk factors, such as obesity, blood pressure, smoking, alcohol abuse, poor eating / drinking habits, stress, and low levels of physical activity.

REMOTE enhanced the older adult's personal environment with audio-visual, sensor / motoric monitoring, and automation abilities for tracing vital signs, activity, behaviour and health condition, and detecting risks and critical situations as well as providing, proactively and reactively, effective and efficient support at home.

Finally, in order to focus on the specific risks and problems experienced by older individuals and due to the growing gap between urban and rural areas, the project was aimed to enable professional carers to access remotely past activity and medical data of their patients. REMOTE was validated with all types of target users. ■



PARTNERS

Centre for Research and Technology Hellas	R&D	Greece	http://www.certh.gr/root.en.aspx
TSB Soluciones S.A.	SME	Spain	www.tsbtecnologias.es
Universidad Politecnica de Madrid	R&D	Spain	www.lst.tfo.upm.es
Fundación para la Investigación Médica Aplicada	R&D	Spain	www.cima.es
Saliwell (renamed to Peh-Med Ltd.)	SME	Israel	www.saliwell.com
SIEMENS S.A.	Large Enterprise	Greece	www.siemens.com
Foundation for Research and Technology – Hellas	R&D	Greece	www.ics.forth.gr
Netscouts gemeinnuetzige GmbH	R&D	Germany	www.netscouts-ggmbh.de
Abama Technologies S.L.	SME	Spain	www.abama.es
University Hospital of North-Norway (UNN) - Norwegian Centre for Telemedicine	R&D	Norway	http://telemed.no
The European Older People´s Platform	End-user	Belgium	www.age-platform.org
Bluepoint IT Solutions	SME	Romania	www.bluepoint-it.ro
Medea SRL	SME	Italy	www.medeaproject.eu
Fraunhofer-Institut für Biomedizinische Technik	R&D	Gemrnay	www.ibmt.fraunhofer.de
Ortholine Ltd.	SME	Israel	www.ortholine.co.il

Coordinator:
Centre for Research and Technology Hellas
Duration: 36 months
Starting date: 1 June 2009
Total budget: € 3.410.726
Public contribution: € 2.249.194
Contact: Prof. Nicos Maglaveras
nicmag@certh.gr and nicmag@med.auth.gr
T: +30 2 311 257 606
Website: http://www.remote-project.eu

RGS

Rehabilitation Gaming System

The RGS developed and tested a novel virtual reality based system for the rehabilitation at home of motor disabilities of the upper extremities of elderly people after stroke.

The system deployed 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 specific project objectives were as follows:

- Development and integration of the hardware and software for the RGS including the rehabilitation scenarios;
- Development of user centered and neuroscientifically grounded diagnostic and training scenarios;
- Evaluation of the clinical impact of the RGS at the functional and neuronal ;
- Gathering of user requirements involving all the stakeholders;
- Establishing the theoretical and empirical foundation of the rehabilitation and diagnostics methods implemented in the system.

PARTNERS

Universitat Pompeu Fabra	R&D	Spain	http://www.upf.edu/en
Heinrich Heine Universität	R&D	Germany	www.uni-duesseldorf.de
Guger Technologies OEG		Austria	www.gtec.at
Fund. Hospital Universitari Vall d'Hebron	End-user	Spain	www.vhir.org
Tyromotion	SME	Austria	www.tyromotion.com
Fundació IMIM	End-user	Spain	www.imim.es
Fundació TIC Salut	End-user	Spain	www.ticsalut.cat

Coordinator:
Universitat Pompeu Fabra, UPF
Duration: 42 months
Starting date: 1 April 2009
Total budget: € 2.291.001
Public contribution: € 1.925.660
Contact: Paul Verschure
paul.verschure@upf.edu
T: +34 935 421 372
Website: http://rgs-project.upf.edu

ROSETTA

Guidance and Awareness Services for Independent Living

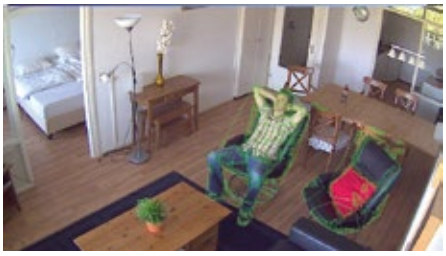
The ROSETTA project has developed an innovative, integrated system aiming at prevention and management of the problems that can occur to elderly persons as a result of chronic progressive diseases.

The system monitors the activities of the resident by means of multiple and different sensors, it generates an alarm in case of unexpected/deviant (in)activity, which is forwarded to the caregiver. Thereupon, the system generates a warning in case of long-term variations in the patterns of daily living, which is forwarded to the caregiver.

It supports the resident directly in carrying out his or her daily activities.

The major unique selling point of the Rosetta system is that it is a very elaborate and flexible system combining all functionalities that are needed during the whole process of dementia, while the existing products on the market focus on the needs of distinct stages of the disease.

At the end of the project, a surveillance product was almost market ready and therefore it was selected to be launch as first to the market in The Netherlands in 2013. More information about this can be found at: www.dutchdomotics.com ■



PARTNERS

TNO Defense, Security and Safety	R&D	The Netherlands	www.tno.nl
Eaton Electric BV	Large Enterprise	The Netherlands	www.eaton.com
AVICS BV	SME	The Netherlands	www.avics.nl
Landsbond der Christelijke Mutualiteiten	End-user	Belgium	www.cm.be
CPS Europe BV	SME	The Netherlands	www.cps-europe.nl
FRAUNHOFER	R&D	Germany	www.iese.fraunhofer.de
I+	SME	Italy	www.ipiu.it
Novay	R&D	The Netherlands	www.novay.nl
Vilans	R&D	The Netherlands	www.vilans.nl
VU medisch centrum	R&D	The Netherlands	www.vumc.nl
Westpfalz-Klinikum GmbH	End-user	Germany	www.westpfalz-klinikum.de
Zorgpalet Baarn-Soest	End-user	The Netherlands	www.zorgpaletbaarnsoest.nl
CIBEK technology + trading GmbH	SME	Germany	www.cibek.de

Coordinator:
TNO Defense, Security and Safety
Duration: 36 months
Starting date: 1 June 2009
Total budget: € 3.273.350
Public contribution: € 2.232.418
Contact: Dr. I.P. Karkowski, (TNO)
irek.karkowski@tno.nl
T: +31 888 661 102
Website: www.aal-rosetta.eu

SOFTCARE

The system developed during the SOFTCARE project is a fall detection solution for elderly people living independently with some degree of home care.

The main devices are:

- The bracelet: light and comfortable accelerometry-based device incorporating a panic button;
- The static nodes: small devices plugged at the user's home (one per room) acting as signal repeater and allowing the user location when indoors;
- The gateway: device acting as network sink, being the 'decision maker' that establishes the voice communication channel towards carers if a hazardous situation is detected. A notebook is used for this purpose in the current prototype.

The project is currently negotiating with potential commercial partners form the UK. In the current stage they plan to arrange a bigger pilot (around 100 users) in which SOFTCARE will be integrated with an existing commercial system (they will use their gateway and, probably, web interface).

PARTNERS

Centre de Recerca I Innovació de Catalunya, S.A. (CRIC)	R&D	Spain	http://www.cric.cat
Forschungsinstitut des Wiener Roten Kreuzes	End-user	Austria	http://www.roteskreuz.at
MeshWorks Wireless Ltd.	SME	Finland	http://www.meshworkswireless.com
HealthSystems Group	SME	United Kingdom	http://www.healthsysconsult.co.uk
Central European Institute of Technology CEIT RALTEC	R&D	Austria	http://www.ceit.at/ceit-raltec

Coordinator:
Centre de Recerca I Innovació de Catalunya, S.A.
Duration: 40 months
Starting date: 1 November 2009
Total budget: € 1.205.832
Public contribution: € 649.834
Contact: Albert Rodríguez
albert.rodriguez@cric.cat
T: +34 932 049 922
Website: http://www.softcare-project.eu

CALL 2

ICT based solutions for Advancement of Social Interaction of Elderly People

AMBIENT ASSISTED LIVING
JOINT PROGRAMME

3RD-LIFE

3D Virtual Environment for Social Interaction of Elderly People

As a result of this project, a fully functional 3D virtual environment has been created. The purpose of this virtual island is to find a way that enables older people to find new friends and be in touch with friends and relatives.

As a result, virtual places like the Café with announcement panels, the video streaming, the private houses, the learning area, the gaming area, the beaches, the bus stops and the exhibition area have been created on the 3RD-LIFE island.

The final evaluation showed that the final version of the island meets End-users' needs especially concerning social interaction. Based in these findings, the positioning of the island in the market segment is very promising; in fact, there are some companies that have shown their interest in this island. ■

PARTNERS

Fundación Instituto Gerontológico Matia-INGEMA	R&D	Spain	www.ingema.es
University of Ljubljana	R&D	Slovenia	www.ltfe.org
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

Coordinator:
Fundación Instituto Gerontológico Matia-INGEMA
Duration: 18 months
Starting date: 1 July 2011
Total budget: € 1.700.000
Public contribution: € 1.030.000
Contact: Iker Laskibar García
iker.laskibar@matiainstituto.net
T: +34 943 224 643
Website: http://www.3rd-life.eu

ALIAS

The Adaptable Ambient Living Assistant

The project work resulted in two possible products, depending on the configuration of the robotic system. First, an assistive robot for home environments, that provides support in emergency situations and for staying in contact with relatives and friends. Second, an autonomous guiding assistive robot for nursing homes, providing medication reminders, entertainment, cognitive training, and telepresence applications.

The ALIAS project has included all three main categories of end-users during the development process of the robot platform in order to get input about the needs and wishes of the focused target groups and receiving feedback on the progress of the robot platform. In total, 160 end-users have taken part in the project.

The project has strongly taken into account the heterogeneity and diversity of the end-users and potential future customers of ALIAS

PARTNERS

Technische Universität München	R&D	Germany	www.tum.de
Technische Universität Ilmenau	R&D	Germany	www.tu-ilmenau.de
MetraLabs GmbH	SME	Germany	www.metralabs.com
Cognesys GmbH	SME	Germany	www.cognesys.de
Eurecom	R&D	France	www.eurecom.fr
g-tec medical engineering GmbH	SME	Austria	www.gtec.at
Fraunhofer IDMT	R&D	Germany	http://www.idmt.fraunhofer.de
pme Familien Service GmbH	End-user	Germany	www.familienservice.de
Youse GmbH	SME	Germany	www.youse.de

Coordinator:
Technische Universität München
Duration: 36 months
Starting date: 1 July 2010
Total budget: € 4.022.075
Public contribution: € 2.529.165
Contact: Prof. Dr.-Ing. Frank Wallhoff
frank.wallhoff@jade-hs.de and
wallhoff@tum.de
T: +44 177 083 738
Website: http://www.aal-alias.eu

ALICE

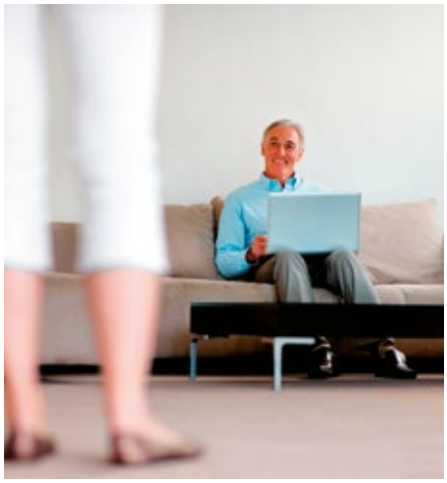
Advanced Lifestyle Improvement System & New Communication Experience

The central part of ALICE is a Set-Top Box (STB) connected to a TV set.

This STB integrates a video camera and microphone for communication, which is updated with computing resources for applications that facilitate social interaction. It is equipped with a simple remote control and has a broadband connection to a service provider, both for video communications and Web access.

This main product of ALICE, offering video conferencing and social interaction, operates in a niche of the market where there are no competitors offering the same products. The niche is that of a STB connected to an existing TV set which facilitates social interaction services in combination with the operator software. This combination is not offered by any competitors.

The pilot resulted in a detailed business case for ALICE services in Europe. This business case has a planned rollout of the ALICE product in 3 different European countries currently ongoing, starting in the Netherlands.



PARTNERS

Joanneum Research Forschungsgesellschaft mbH	R&D	Austria	www.joanneum.at
AT4 wireless S.A.	R&D	Spain	www.at4wireless.com
Mens en Zorg BV	End-user	The Netherlands	www.mezorg.nl
ThuisConnect BV	SME	The Netherlands	www.thuisconnect.nl
Zydacron Austria GmbH	SME	Austria	www.zydacron.com

Coordinator:
Joanneum Research Forschungsgesellschaft mbH
Duration: 24 months
Starting date: 1 March 2010
Total budget: € 1.784.340
Public contribution: € 1.114.126
Contact: Kurt Majcen
kurt.majcen@joanneum.at
T: +43 3 168 761 636
Website: www.aal-alice.eu

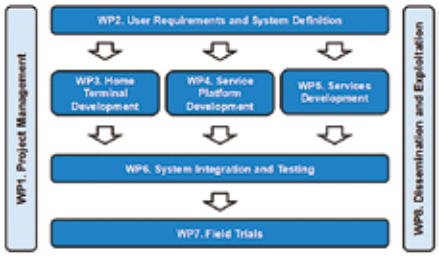
AMCOSOP

AMCOSOP

Ambient Communication for Sense of Presence

The objective of the project was to create a system, which provides its users sense of presence of their family, friends, and health care personnel, i.e. so called safety net, and assures that the elderly people are never left alone. The system encourages people to stay in contact with other people by providing, as the simplest form, availability information of possible and known communication partners and in this way the system promotes to maintain its users' social connections with their safety net people.

Through the AMCOSOP system, elderly (primary users) can sense from a distance the availability of their relatives and friends (secondary users), express their communication willingness to them and exchange contextual and status information with them. On top of that, secondary users can communicate short messages to their primary users. Moreover, tertiary users can provide messaging and information type services to the primary users, such as consultancy and care services.



PARTNERS

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

Coordinator:
Tampere University of Technology
Duration: 30 months
Starting date: 1 October 2010
Total budget: € 2.406.849
Public contribution: € 1.601.616
Contact: Prof. Jukka Vanhala
jukka.vanhala@tut.fi
T: +358 3 311 511
Website: http://www.amcosop.eu

AWARE

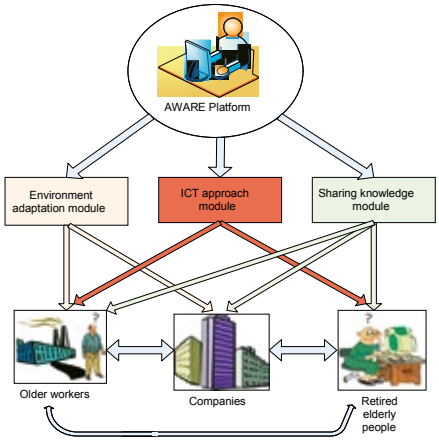
Ageing Workforce towards an Active Retirement

The platform developed in the AWARE was 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 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 were used to identify the preferences of ICT for the elderly people that they will use. A special attention was focused in the pedagogical methodologies implemented in the platform (the educational models that will be considered will be: recreational, sociocultural, interactive, etc.).

The project aimed 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 (IBV)	R&D	Spain	www.ibv.org
Calvet, Vila & Arriaga Consulting, S.L.	SME	Spain	www.cvaconsulting.com
Ayuntamiento de Gandía	End-user	Spain	www.gandia.org
Unión Democrática de Pensionistas y Jubilados de España	End-user	Spain	www.mayoresudp.org
Media Touch	SME	Italy	www.mediatouch.it
Technische Universität Darmstadt (TUD), Institut für Arbeitswissenschaft	R&D	Germany	www.arbeitswissenschaft.de

Coordinator:
Instituto de Biomecánica de Valencia (IBV)
Duration: 36 months
Starting date: 1 July 2010
Total budget: € 1.373.875
Public contribution: € 747.330
Contact: Alberto Ferreras Remesal
alberto.ferreras@ibv.upv.es
T: +34 963 879 160
Website: aware.ibv.org

CO-LIVING

Virtual Collaborative Social Living Community for Elderly

The main goal of the proposed project was the development of an ICT-based Virtual Collaborative Social Living Community for Elderly (CO-LIVING) people.

CO-LIVING was 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 used and scaled up the successfully developed IST FP6 mPower open source middleware platform to be applicable to the older adults 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 was 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 was 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-user	The Netherlands	http://www.orbisconcern.nl
Philips Electronics Nederland B.V.	Large enterprise	The Netherlands	http://www.philips.nl
University of Cyprus	R&D	Cyprus	http://www.cs.ucy.ac.cy
Stiftelsen SINTEF	R&D	Norway	http://www.sintef.no
Instituto Pedro Nunes - Associação Para A Inovação E Desenvolvimento Em Ciência E Tecnologia	R&D	Portugal	https://www.ipn.pt
Inovamais S.A	SME	Portugal	http://www.inovamais.eu
Citard Services LTD	SME	Cyprus	http://citard-serv.com
Andago Ingeniería S.L.	SME	Spain	http://www.andago.com
Trondheim Kommune	End-user	Norway	http://www.trondheim.kommune.no

Coordinator:
Orbis Medical and Healthcare Group
Duration: 36 months
Starting date: 13 October 2010
Total budget: € 3.888.588
Public contribution: € 2.706.921
Contact: J.U. Kemmerling
j.kemmerling@orbisconcern.nl
T: +31 620 857 838
Website: http://www.project-coliving.eu

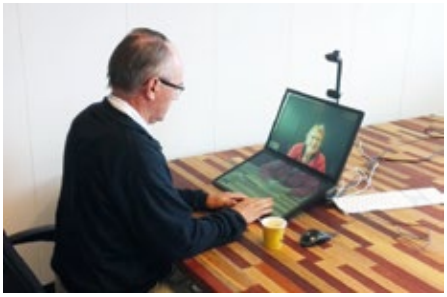
CVN

Connected Vitality Network

Nothing exceeds meeting people eye-to-eye but new telepresence technology provides, however the second best. The project developed the 'second best' connection, after meeting face to face, especially tuned for older adult's users. It is YoooM, with YoooM the users engage in contact with family, friends and care professionals over distance. It enables seniors to communicate and interact according to their individual needs, abilities, and chosen lifestyle.

The technological novelties developed in the process are the three communication formats developed: Meet, Club and Classroom. These formats allow one-to-one communication, to engage in group activities, and the Classroom format enables to engage in learning processes. Another novelty is the addition of body language and the capacity to conduct activities over distance. Furthermore, for extra economic impact a low cost version of the interface is also developed.

To support family connections the YooM tablet is in the market in a low cost version for 40 Euros. The bigger YoooM MAX version is scheduled to hit the market for the 2014 Christmas season with a price below 750 euro.



PARTNERS

Presence Display	SME	The Netherlands	http://www.yooom.com
University of Cyprus	R&D	The Netherlands	http://www.ucy.ac.cy/en
Sensire	End-user	The Netherlands	
University of Salzburg	R&D	Austria	http://www.uni-salzburg.at
Gezondheninstitut NIGZ	End-user	The Netherlands	http://www.nigz.nl
Fundacion Andalusa de servicios	End-user	Spain	www.juntadeandalucia.es
Fam Corner	SME	Israel	www.mygrandchild.com
Budapest University of Tech	R&D	Hungary	www.Emt.bme.hu
Municipality of Avrika	End-user	Sweden	www.avrika.se

Coordinator:
Presence Display
Duration: 36 months
Starting date: 13 October 2010
Total budget: € 1.939.770
Public contribution: € 1.455.859
Contact: Robbert Smit
robbert.smit@presencedisplays.com
T: +31 614 881 770
Website: http://www.connectedvitality.eu

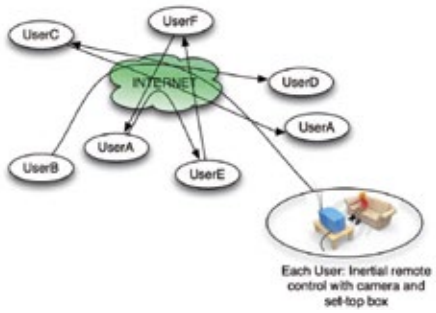
EASYREACH

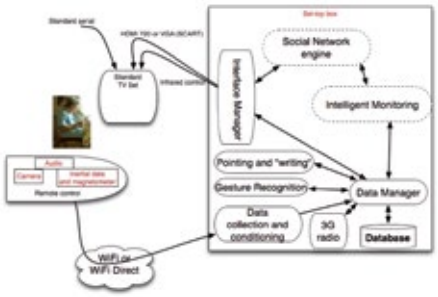
Fostering Social Interactions of Home-bound and Less Educated Elderly People

The EASYREACH project has realized a service to help a wide range of users, the elderly and less educated people, to maintain and develop a social network with modern ICT solutions, by extending a common appliance, the TV. It is based on a special social TV channel accessed by users through their own TV set, a set top box and a specialized remote control unit endowed with gesture recognition, video and audio capture capabilities.

The system is designed starting from the needs and user preferences about IT-based social interaction; the services in use in the elderly life contexts are seen from the point of view of the person using the service.

The end-user feedback has been satisfactory and the Consortium is considering now the legal and financial opportunity related to the creation of a Spinoff of the EASYREACH project to enhance and exploit the added values of the product in term of product market introduction.





PARTNERS

Università di Milano-Bicocca	R&D	Italy	www.unimib.it
Fondazione Ugo Bordoni	R&D	Italy	www.fub.it
Consiglio Nazionale delle Ricerche - ISTC	R&D	Italy	www.istc.cnr.it
FIMI S.r.l.	Large enterprise	Italy	www.barco.com/en/medical/fimi
Center for Research and Technology	R&D	Greece	www.cereteth.gr
iKnowHow	SME	Greece	www.iknowhow.gr
University of Potsdam	R&D	Germany	www.uni-potsdam.de
Federazione Nazionale Pensionati CISL	End-user	Italy	www.fnp.cisl.it

Coordinator:
Università di Milano-Bicocca
Duration: 36 months
Starting date: 1 November 2010
Total budget: € 3.190.173
Public contribution: € 1.582.887
Contact: Matteo Dominoni
matteo.dominoni@unimib.it
T: +39 0 264 487 804
Website: http://www.easyreach-project.eu

ELDER-SPACES

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

The main goal of the ELDER-SPACES project was to introduce a radical shift on the way social networking is delivered to and used by older adults (typically healthy individuals aged 55+), with a view to stimulate seniors to join social networks and accordingly benefit in terms of their social activation, active living and overall quality of life. To this end, Elder Spaces designed a novel ICT based social networking platform (beyond existing networks for seniors) along with a range of applications that will be delivered over this platform.

ELDER-SPACES provide a range of applications (over the project's social networking platform) tailored to the needs of older user groups based on:

- Appropriate data sets, semantics and information ;
- Customized social networking functionalities ;
- Appropriate older people friendly user interfaces;

PARTNERS

BYTE Computer S.A.	SME	Greece	http://www.byte.gr
Origo Ltd.	SME	Hungary	http://www.origo.hu
Evangelische Stiftung Volmarstein, Forschungsinstitut Technologie und Behinderung	SME	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	End-user	Hungary	http://english.sote.hu
SingularLogic Information Systems & Software Applications S.A.	Large enterprise	Greece	http://www.singularlogic.eu
Cybion Srl	SME	Italy	http://www.cybion.it

Coordinator:
BYTE Computer S.A.
Duration: 30 months
Starting date: 1 April 2011
Total budget: € 2.423.859
Public contribution: € 1.201.718
Contact: Nikolaos Bezerianos
bezerianos@byte.gr
T: +30 2 109 002 000
Website: www.elderspaces.eu

EXCITE

Enabling Social Interaction through Embodiment

The EXCITE project has developed mobile robot telepresence (MRP) devices for use in the homes of elderly users to enable social interaction.

A key novelty in the project is that user feedback has been gathered using longitudinal trials where users have the robot at home for several months. EXCITE has used the Giraff telepresence unit developed by Giraff Technologies AB. At the beginning of the project, the unit was in an initial prototype stage with limited functionalities. After three years, user feedback from EXCITE has led to the development, change of the unit, and synthesis of various releases in a manner which is coherent with user´s requests.

The project has won the AAL JP Most Promising Project Award in 2011 and has been in focus of a plethora of venues as a technology advocate for independent assisted living. Regarding social and economic impact, care organizations in Sweden have validated the cost savings of the Giraff solution in the appropriate care scenarios, and the increased "peace of mind" experienced by elderly residents and family members.

PARTNERS

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

Coordinator:
Örebro University
Duration: 30 months
Starting date: 1 July 2010
Total budget: € 2.853.701
Public contribution: € 1.448.430
Contact: Silvia Cordeschi
silvia.coradeschi@oru.se
T: +46 19 303 298
Website: http://www.excite-project.eu

Express to Connect

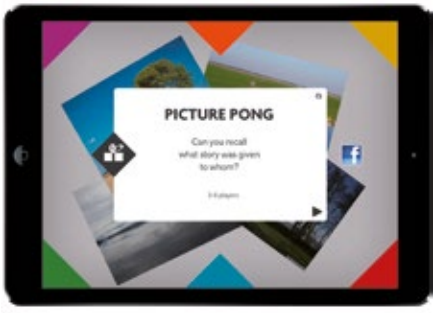
E2C

Express to Connect

The overall objective for the E2C consortium was to develop, test and deploy a web service, which stimulates and facilitates personal storytelling, and enable interest-based connections and communication among elders and thereby empower them and enrich their life.
The fundamental innovation behind the Storyville games was an initial understanding of the relations between: Pictures/music, gameplay and social settings, which allow for design digital board games that enhance social connectedness among participating players.

Currently three games are available on App Store:

- **Storyville Picture Pong**
  Link: https://itunes.apple.com/dk/app/storyville-picture-pong/id601349467?mt=8
- **Storyville Photobluff**
  Link: https://itunes.apple.com/dk/app/storyville-photobluff/id601333281?mt=8
- **Storyville Pic my choice**
  Link: https://itunes.apple.com/dk/app/storyville-pic-my-choice/id585589494?mt=8



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	End-user	Sweden	www.halmstad.se

Coordinator:
Copenhagen Living Lab
Duration: 36 months
Starting date: 1 March 2010
Total budget: € 3.256.975
Public contribution: € 1.776.369
Contact: Thomas Hammer-Jakobsen
hamm@copenhagenlivinglab.com
T: +45 20 232 005
Website: www.express2connect.org

FAMCONNECTOR

Activity Based Intergenerational Interactions

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

- 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 was fully integrated in the project, as a repeating cyclical process--mirroring the development process--to guarantee current feedback that re ects the current status of the project throughout its progression. ■

PARTNERS

FamCorner, Ltd.	SME	Israel	www.mygrandchild.com
University of Salzburg	R&D	Austria	www.icts.uni-salzburg.at
Kotosalla Foundation	End-user	Finland	http://www.kotosalla.fi
Hilfswerk Österreich	End-user	Austria	www.hilfswerk.at
University of St.Gallen	R&D	Switzerland	www.unisg.ch
Austrian Isntitute of technology	R&D	Austria	www.ait.ac.at
Terzstiftung	End-user	Switzerland	www.terzstiftung.ch

Coordinator:
FamCorner, Ltd.
Duration: 36 months
Starting date: 1 March 2010
Total budget: € 1.527.639
Public contribution: € 996.541
Contact: Dror Oberman
dror.oberman@famcorner.com
T: +972 528 390 966
Website: www.famconnector.mygrandchild.com

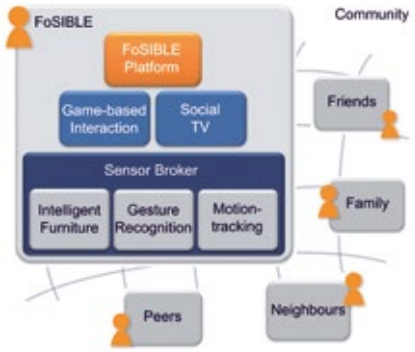
FOSIBLE

Fostering Social Interactions for a Better Life of the Elderly

In the FOSIBLE project, a novel Social TV community platform has been developed that helps to avoid social isolation of seniors by connecting them with remotely living persons such as friends, family members, or neighbours, and by fostering direct personal interaction and mutual support when other community members are close.

One of the outstanding characteristics of FOSIBLE is that it has addressed the living environment of seniors in a holistic manner. Beyond the digital applications developed, a major result of the project is an innovative set of furniture that embeds sensors and social media front-end functionality in a transparent and aesthetically appealing manner.

The target group of the FOSIBLE system are users aged 50+. The marketing strategy for the project results involves exploiting the Social TV application as a complete application as well as individual components such as software components, sensors and furniture, which is feasible due to the open and extensible architecture developed. The expected time to market of 6-24 months after the end of the project.



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	SME	Germany	www.mauser-moebel.de
Kaasa Solution GmbH	SME	Germany	www.kaasa.com
Malakoff-Médéric Centre Les Arcades	End-user	France	

Coordinator:
University of Duisburg-Essen
Duration: 30 months
Starting date: 1 May 2010
Total budget: € 2.902.299
Public contribution: € 1.893.879
Contact: Prof. Dr.-Ing Jürgen Ziegler &
Steffen Budweg
coordination@fosible.eu
Website:http://fosible.eu

GO-MYLIFE

Going On Line: My Social Life

GO-MYLIFE built an online social network, tailor-made for older people and easy to use on computer or smartphone. It is simple, straightforward and safe.

It was particularly valuable for people 50+ who are still socially active. However, the service helped them continue to maintain as active and social a life as is possible, even with increasing frailty. The service is designed for smartphone/ tablet as well as computer.

GO-MYLIFE brought together active people aged 50+, socially engaged with each other and using a common and trusted platform to help manage their social lives and their activities. This platform supported location and context aware applications when accessed via smartphone or tablet.

PARTNERS

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

Coordinator:
Atos Origin
Duration: 30 months
Starting date: 1 July 2010
Total budget: € 2.413.000
Public contribution: € 1.501.421
Contact: Fabio Luiz Tumiatti
fabio.tumiatti@atosresearch.eu
T: +34 934 861 818
Website: http://gomylife-project.eu

HELASCOL

HELASCOL

Helping Elders to Live an Active and Socially Connected Life by Involving them in the Digital Society

The project focuses on providing an enriched communication experience, anywhere, anytime and to any device with accessible, intuitive, easy to use, multimodal User Interfaces. The right service and the right content is only accepted by the End-users if it is delivered on the right device, one that they are used to. This can be a tablet, the screen of the television, mobile phones, etc.

The main objective of the project is to provide the older adults with the means of maintaining social relations by developing an easy to use and easy to understand communication platform with social and entertainment capabilities that can be easily upgraded with security and medical features.

A secondary objective is the energy efficiency and the build-up of conscience by the elderly people, using the physical application and communication infrastructure to be put into place anyway, by providing information about the power consumption of the many devices at home, in an intuitive, entertaining and educative fashion.

PARTNERS

Kecelcom Kft.	SME	Hungary	http://kecelcom.hu
Meticube	R&D	Portugal	www.meticube.com
Scuola universitaria professionale della Svizzera italiana (SUPSI)	R&D	Switzerland	www.supsi.ch
Fondazione Casa per Anziani Giubiasco (FCPA)	End-user	Switzerland	www.fcpa.ch
Kapsch Businesscom Kft.	R&D	Hungary	www.kapsch.net
Kecel Local Government	End-user	Hungary	www.kecel.hu

Coordinator:
Kecelcom Kft.
Duration: 36 months
Starting date: 1 June 2012
Total budget: € 1.492.120
Public contribution: € 1.132.870
Contact: Attila Birocsák
birocsak.attila@meta.hu
T: +36 703 903 111
Website: www.helascol.eu

HOMEDOTOLD

Home Services Advancing the Social Interaction of Elderly People

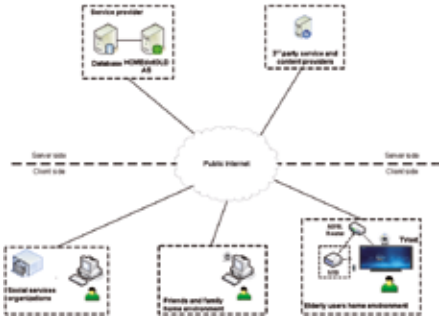
HOMEDOTOLD is an ICT-based project that uses the TV medium in order to deliver a number of cost-effective services to elderly people. The targeted services aim at advancing the social interaction of elderly people by bridging distances and reinforcing social volunteering and activation, thus preventing isolation and loneliness.

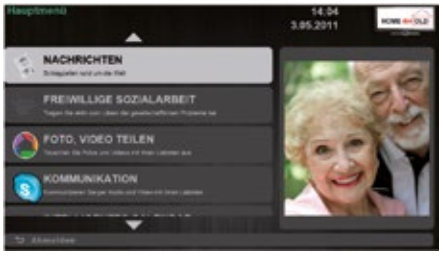
The HOMEDOTOLD services can all be accessed through the TV and belong to one of the 2 following categories:

- Personal motivation services
- Social networking services

The HOMEDOTOLD services have been designed in close cooperation with elderly users and aim at catering for their preferences and needs when using online facilities.

The full deployment of the HOMEDOTOLD services is expected to start in 18 months after the completation of the project.





PARTNERS

SingularLogic S.A. Information Systems and Software Applications	Large enterprise	Greece	www.singularlogic.eu
A1 Telecom Austria	Large enterprise	Austria	www.telekom.at
Philips Consumer Lifestyle B.V.	Large enterprise	The Netherlands	www.philips.com
Teletel SA	SME	Greece	www.teletel.eu
Solinet GmbH Telecommunications	SME	Germany	www.solinet.com
Three Thirds Society	End-user	Greece	
LifeTool gemeinnuetzige GmbH	SME	Austria	http://www.lifetool.at
National Foundation for the Elderly	End-user	The Netherlands	http://www.ouderenfonds.nl

Coordinator:
SingularLogic S.A. Information Systems and Software Applications
Duration: 24 months
Starting date: 1 July 2010
Total budget: € 3.305.458
Public contribution: € 1.763.817
Contact: Gianna Tsakou
gtsakou@singularlogic.eu
T: +30 2 106 266 151
Website: http://www.homedotold.eu

Quality of Life is Contagious

HOPES

Help and Social Interaction for Elderly on a Multimedia Platform with e-social Best Practices

"Quality of life is contagious" is a European e-service created BY and FOR elderly persons and their carers because for sharing their experiences regarding ageing well at home. By doing so each HOPES user may search and use successful experiences from others or, better, propose their own experience to the "elderly community" for autonomy, quality of life and independence.

Beneficiaries of HOPES service are older adults. Their carers may also benefit specifically when not so experienced while professional may find it beneficial to share experience and/or recommend such service easily accessible (24/7) and of quality.

HOPES, is a pre-commercialization project. Many prospects with potential institutions and clients confirmed that potential. The remaining step to finalize the service and develop the strategy to transform it into an economical success.

PARTNERS

RanD SAS	SME	Germany	
Universität Stuttgart	R&D	Germany	www.uni-stuttgart.de
Sport Initiative et Loisir Ble	End-user	France	www.sielbleu.org
Microsoft UK	Industry	United Kingdom	www.microsoft.com
Luiss Guido Carli / CeRSI	Large Enterprise	Italy	www.luiss.edu
GTN SAS	SME	France	www.gtn-grandtalentnetwork.com
Cup2000	Industry	Italy	www.cup2000.it
Assistance Publique - Hôpitaux de Paris, Internal Medicine (geriatric unit), Avicenne Hospital (Bobigny - France)	End-user	France	www.aphp.fr

Coordinator:
RanD SAS
Duration: 24 months
Starting date: 1 July 2010
Total budget: €4.997.878
Public contribution: €2.607.085
Contact: Dr Christian Schoen
cschoen@info-techno.com
T: +33 685 106 059
Website: www.hopes-project.org

JOIN-IN

Senior Citizens Overcoming Barriers by Joining Fun Activities

JOIN-IN aims to provide a means for older adults homebound people to escape social isolation. Within the project JOIN-IN will offered a variety of activities to motivate, but also to activate the seniors: communication by social networking, multiplayer gaming, exergaming and virtual exercising. The activities are accessible via PC or TV and set-top box. The users are involved in the project development at all stages.

Based on the assumption that social networking can provide a means for socialising elderly people, JOIN-IN developed:

- an extensible social and gaming (social, cognitive and exergames) platform for the elderly, with the infrastructure in place to extend and enhance the ecosystem allowing to register additional games;
- "Memofix" - a computer game aimed at the older generation to maintain and enhance cognitive abilities and facilitate socialising;
- a biking exergame that enables users to take part in multi- or single player online biking trips using a home stationary exercise bike;
- exercising videos designed and demonstrated by physiotherapists to allow the elderly individuals to perform exercises safely at home;
- video conferencing that offers bilateral or group conferences; it has been linked to the Memofix and provides the basis for activities which involve a moderator.

The results of the project are being deployed in Hungary where Johannita Segíto Szolgálat (Hungarian Johanniter Charity Service) has started establishing a country-wide social network for the elderly based on the JOIN-IN Interactive Portal and its applications.

PARTNERS

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

Coordinator:
Helmholtz Zentrum München
German Research Center for Environmental Health;
Inst. for Biological and Medical Imaging/ Medis
Duration: 36 months
Starting date: 1 November 2010
Total budget: € 3.033.000
Public contribution: € 1.796.000
Contact: Claudia Hildebrand
hildebra@helmholtz-muenchen.de
T: +49 8 931 874 182
Website: http://www.join-in-for-all.eu

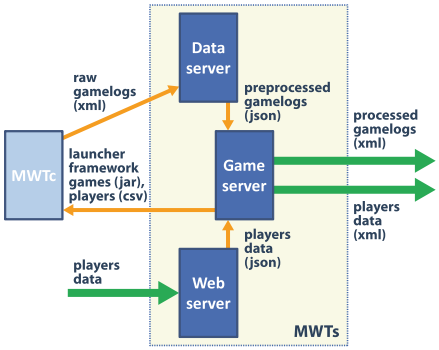
M3W

Maintaining and Measuring Mental Wellness

M3W project attempts to utilize the fact that on-line games are able to collect behavioral data in order to measure mental (and motoric) abilities and especially their changes over time.

The ambition is to compare one's mental wellness to his/her own past mental wellness conditions (in relative values), while it is not to compare one's mental ability to others' one. ICT & web technologies should be used out maximally.

The goal is to develop a mental wellness toolset for self-usage, specifically computer games, tailored for elderly people. Measure and visualize mental changes and tendencies by an entertaining way. Give indications (warnings, alarms, reports) to elderly persons, relatives, friends or carers. The project should bring improvements to the quality of life of individuals, their relatives and friends, and thus the quality of life in the whole society will develop.



PARTNERS

Budapest University of Technology and Economics - Healthcare Technologies Knowledge Centre	R&D	Hungary	http://emt.bme.hu/emt/en
Actimage Ltd.	SME	Luxembourg	http://www.actimage.com
Frontida Zois Ltd.	SME	Greece	http://www.frontidazois.gr
Gaudiopolis Retirement Home	End-user	Hungary	http://www.gaudiopolis.hu
Semmelweis University – Faculty of Medicine, Department of Psychiatry and Psychotherapy	R&D	Hungary	http://www.semmelweis-univ.hu
Silver Kiadó (Publishing) Ltd.	SME	Hungary	http://www.otvenentul.hu
Zurich University of Applied Sciences – Institute of Facility Management	R&D	Switzerland	http://www.ifm.zhaw.ch

Coordinator:
Budapest University of Technology and Economics - Healthcare Technologies Knowledge Centre
Duration: 30 months
Starting date: 1 July 2010
Total budget: € 2.100.000
Public contribution: € 1.800.000
Contact: Pál Breuer
pbreuer@emt.bme.hu
T: +36 14 632 022
Website: http://m3w-project.eu/#sthash.iF7jN1BY.dpuf

NOBITS

Nostalgia Bits

The objective of the NOSTALGIA BITS project was to develop an ICT solution to increase social interaction between elderly people and their families. The NOSTALGIA BITS project aims to provide a platform for the elderly and their families for capturing, digitally archiving, and sharing their memories encapsulated in letters, newspaper clippings, postcards, photos, and other artifacts. The artifacts can be uploaded to a dedicated website, and thereby become both a means for connecting the elderly with members of their own generation and a significant resource for use by subsequent generations.

The market potential is huge and continuously growing: at this point close to 60 million people over 50 regularly access the internet in Europe, and this number is steadily increasing. The number one target market is people over 50 using the internet, however, all internet users interested in the past and/or in their (grand)parents can be taken into account as secondary and tertiary target groups, just like those elderly who have no affinity to digital media but have helping hands from the younger generations around them.

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	Switzerland	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.	SME	Italy	www.barco.com/medical/fimi

Coordinator:
Mobility and Multimedia Nonprofit Ltd.
Duration: 24 months
Starting date: 3 May 2010
Total budget: € 3.469.730
Public contribution: € 2.112.125
Contact: Mr. Barnabás Málnay
barnabas.malnay@mmklaszter.com
T: +36 309 303 415
Website: http://www.aal-europe.eu/projects/nostalgia-bits

OT-BREAK (OSTEOLINK)

A European Collaboration to Develop a Grass Roots Network of Osteoporosis Support Groups by Using ICT Together with Interpersons Meetings

OSTEOLINK is the first online and in-person social network in Europe and Australia designed for people with osteoporosis, their friends, families and healthcare professionals. OSTEOLINK operates globally but is implemented locally, working with a network of IOF member Societies, who ensure the local social and support needs of patients, their families and their related healthcare professionals are taken into account.

The technology used for OSTEOLINK is not novel, but its application and approach are unique, as the highly adaptable and flexible master social networking site is adapted at a country level, translated into a local language, implemented by a local society concerned with patients with osteoporosis and supported by a global and local scientific committee. OSTEOLINK is easily replicated at a country level and has potential for economic exploitation given the captive audience with specific needs.

OSTEOLINK is now live in Sweden, Austria, Switzerland and Australia. It is scheduled to go live in Germany and Greece. Negotiations with Portugal, France and Spain have started, and many more countries have expressed an interest in the programme.

PARTNERS

International Osteoporosis Foundation (IOF)	SME	Switzerland	www.iofbonehealth.org
University of Geneva, Faculty of Medicine, Division of Bone Diseases	R&D	Switzerland	www.unige.ch
Amgen (Europe) GmbH	Large Enterprise	Switzerland	www.Amgen.com
Hill & Knowlton	SME	United Kingdom	www.Hill&Knowlton.co.uk
Action for Healthy Bones (AHB)	End-user	Austria	www.aktiongesundeknochen.at
Syzygy	SME	United Kingdom	www.syzygy.net

Coordinator:
International Osteoporosis Foundation (IOF)
Duration: 20 months
Starting date: 1 April 2010
Total budget: € 2.934.387
Public contribution: € 409.808
Contact: Mrs. Laurence Triouleyre
ltriouleyre@iofbonehealth.org
T: +41 229 940 122
Website: www.osteolink.org

PAELIFE

Personal Assistant to Enhance the Social Life of the Seniors

PAELIFE, focus on individuals who are recently retired, who are used to some level of technology usage and who want to keep themselves active, independent, productive and socially engaged. PAELIFE is a proposal for a Personal Life Assistant (PLA), a virtual presence who supports social communication, learning/teaching and entertainment and new solution of multimodal (speech, touch, gesture, biometric) Human Computer Interaction, making the elderly relationship with computers and technology easier and more natural.

PAELIFE brings improved communication capabilities and productivity to these citizens, enhancing social interaction, providing more autonomy, better sense of control, safety and self-esteem, allowing active ageing and improving quality of life.

PARTNERS

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

Coordinator:
MSFT – Software para Microcomputadores, LDA (Microsoft Portugal)
Duration: 20 months
Starting date: 1 April 2010
Total budget: € 1.700.964
Public contribution: € 1.308.551
Contact: Miguel Sales Dias
Miguel.Dias@microsoft.com
T: +351 962 093 324
Website: www.PaeLife.eu

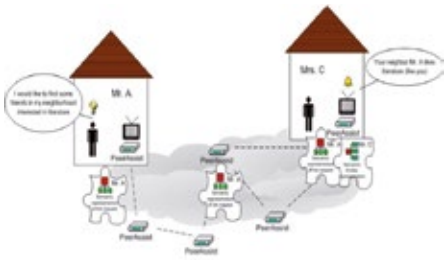
PeerAssist

PEERASSIST

A P2P Platform Supporting Virtual Communities to Assist Independent Living of Senior Citizens

The outcome of the project is a complete system (terminal, servers, communication protocols, software, etc.) that allows older adults (not necessarily familiar with ICT technologies) to build virtual communities dynamically based on interests and needs they share. PEERASSIST facilitates establishing on demand ad-hoc communities with friends, family, neighbours, caregivers, facilitators, care providers, etc., based on shared interests and communication needs. The community building and the peer-to-peer (P2P) interaction are achieved using information extracted from peer roles, profiles and user modelling, i.e., context that describes the overall user environment, all of which are represented semantically in a machine understandable form.

The expected time to market is 8-12 months, depending on the general market conditions and interest for the product. The main barrier is the cost of establishing and maintaining the service.



PARTNERS

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

Coordinator:
University of Athens
(Communication Networks Lab)
Duration: 30 months
Starting date: 1 September 2010
Total budget: € 2.147.151
Public contribution: € 1.411.604
Contact: Prof. Lazaros Merakos
merakos@di.uoa.gr and
passas@di.uoa.gr
T: +30 2 107 275 323
Website:http://cnl.di.uoa.gr/peerassist

SENIOR CHANNEL

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

The goal in SENIORCHANNEL project is to integrate innovative technologies and high added value content in order to provide elderly people with an opportunity to interact and share their knowledge, opinions and aspirations with the wider community and derive enjoyment from the experience

The integrated system has been tested and evaluated, setting up one TV studio and production centre in Spain and broadcasting programs to a pilot user group involving 44 elderly people in the three countries: Spain, France and Italy.

Finally, the SENIORCHANNEL concept and methodology is intended to result in a ready-to-market solution for promoting interaction and socialization amongst elderly people. Critical to success has been clearly thought-out dissemination and exploitation strategies and carefully executed business plans together with associated IPR Management.

PARTNERS

Indra Software Labs	Large Enterprise	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-user	Spain	
M31 Spa	SME	Italy	http://www.m31.com

Coordinator:
Indra Software Labs
Duration: 36 months
Starting date: 1 March 2010
Total budget: € 4.336.084
Public contribution: € 2.060.072
Contact: Salvador Aguilar González
sraguilar@indra.es
T: +34 914 807 010
Website: http://innovation-labs.com/seniorchannel

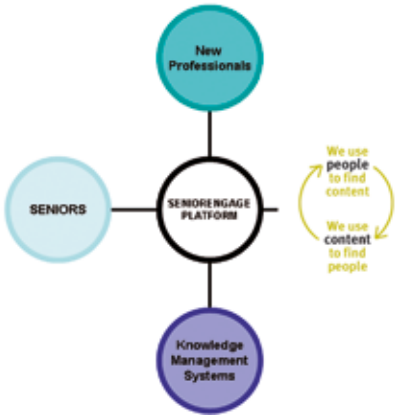
SENIORENGAGE

Virtual Network to Empower the Integration of Seniors into an Active Community in the Post Retirement Years

While there are countless online social networks focused on target markets of people under the age of 50, there are currently no European online gathering places dedicated to seniors. SENIORENGAGE provides a practical networking site aimed to eliminating social exclusion, sustaining mental ability and facilitate intergenerational learning.

The project aims to strengthen the social structure of older retired and semi-retired professionals by allowing them to continue to actively participate in community and contribute knowledge regardless of health conditions or physical impediments. The application innovation lies in the fact that this is the first European attempt at such an ambitious goal.

Time to market is approximately 9 months after the project end, and we foresee no barriers to entry other than the ability to reach a critical mass of users in the first year of exploitation. ■



PARTNERS

Centre de Recerca I Innovació de Catalunya, S.A. (CRIC)	R&D	Spain	http://www.cric.cat
Feltalálói És Kutató Központ Szolgáltató KFT (MFKK)	R&D	Hungary	http://www.mfkk.hu/u
Center for Usability Research and Engineering (CURE)		Austria	http://www.cure.at
JAMK University of Applied Sciences (JAMK)	R&D	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	Finland	

Coordinator:
Centre de Recerca I Innovació de Catalunya, S.A. (CRIC)
Duration: 24 months
Starting date: 1 December 2010
Total budget: € 1.272.595
Public contribution: € 723.685
Contact: Jennifer Woodard
jennifer.woodard@cric.cat
T: +34 932 049 922
Website: http://www.seniorengage.eu

SI-SCREEN

Social Interaction Screen

ELISA (the product name of the project product) is a combination of a non-technological hardware and a software running on a tablet PC, that enhances the social interaction, communication, information and inspiration of elderly generation; specifically ELISA consists of:

A software that has three parts:

- Backend system, able to gather, filter and show content adapted to the users' needs form different social networks (Facebook, twitter…), as well as, send and receive messages and emails and realizes videoconferencing.
- Graphical user interface, which has a high usability and shows three main areas: interests, contacts and activities that happen around.
- Android software solution, that allows to run this system in a huge number of devices of the market.

Non-tech Hardware, unique in the market that increases the usability of the system and guaranty the long lasting of the product.

We involved more than 350 test persons aged 50+.

SISCREEN is in contact with some possible investors and recruiting staff for the new company.
Potentially, twelve months after the end of funding from investors SISCREEN should be able to reach the market with the first product.

Figure 1: A tentative illustration of design & functions

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

PARTNERS

Innovationsmanufaktur GmbH	SME	Germany	www.innovationsmanufaktur.com
Brainware & Data United	SME	Germany	www.brainware.ag
Bundeswehr University Munich	R&D	Germany	www.kooperationssysteme.de
VIOS Medien	End-user	Germany	www.vios-medien.de
Porsche Design Studio	Large enterprise	Austria	www.porsche-design.com
Helios	SME	Italy	www.helios.bz
Federació d'Associacions de Gent Gran de Catalunya	End-user	Spain	www.gentgran.org
Instituto de Biomecánica de Valencia	R&D	Spain	www.ibv.org
Tioman & partners	SME	Spain	www.tioman-and-partners.com
Servicios de Teleasistencia	Large enterprise	Spain	www.teleasistencia.com

Coordinator:
Innovationsmanufaktur GmbH
Duration: 30 months
Starting date: 1 October 2010
Total budget: € 2.744.500
Public contribution: € 1.714.100
Contact: Dr. Javier Gámez Payá
jgp@innovationsmanufaktur.com
T: +34 628 873 340
Website: www.si-screen.eu

SILVERGAME

A Platform for Serious Gaming to Foster the Social Inclusion of Elderly People

SILVERGAME is an innovative multimedia platform, which is to host a variety of game-based applications, community features and web-based services specifically designed to cater to the needs of elderly people. The project focuses on activities like singing, dancing and driving to activate senior citizens and encourage social interaction among them.

The SILVERGAME prototype includes 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

The business model of SILVERGAME encompasses B2B as well as B2C business. In the B2C model, SILVERGAME will be marketed to consumers and their primary care providers directly. In the B2B case, SILVERGAME will be marketed to console providers and providers for value-added-services for TV sets (such as TV cable operators), and can be integrated into their technology (set-top-boxes, consoles), and/or their content portfolios and distribution channels. ■

Multimedia-Application Management-Platform

PARTNERS

Exozet Berlin GmbH	SME	Germany	www.exozet.com
Austrian Institute of Technology	R&D	Austria	www.ait.ac.at
Fraunhofer FIRST	R&D	Germany	www.fraunhofer.de
Golden Oldies	End-user	United Kingdom	www.golden-oldies.org.uk
Rehazentrum Lübben	End-user	Germany	www.rehazentrum.com
Audio Riders	SME	Finland	www.audioriders.fi

Coordinator:
Exozet Berlin GmbH (EXZ)
Duration: 26 months
Starting date: 1 May 2010
Total budget: € 2.777.061
Public contribution: € 1.862.012
Contact: Berit Hanold,
berit.hanold@exozet.com,
T: +49 302 465 600
Website: www.silvergame.eu

SoMedAll

SOMEDALL

Social Media for All Elderly People

The result of the development and research activity is complete and stable interactive platform modeled to be used by elderly people and enable elders to communicate via Internet and use the IPTV channels or internet channels in more simple way possible for them. Also it was developed social media based novel web pages “Old Foxes” for the use of elderly people.

The product respond to needs on using technology for all older adults bringing to them first time on their desk the possibility to communicate with others same profiles people via modern technology and internet channel.

Expected type to market with this type of application is 1-2 year time due to large commercial and dissemination activities need to be performed in right manner.

PARTNERS

VTT Technical Research Centre	End-user	Finland	www.vtt.fi
Miina Sillanpää Foundation	End-user	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

Coordinator:
VTT Technical Research Centre
Duration: 24 months
Starting date: 1 February 2010
Total budget: € 1.679.834
Public contribution: € 907.250
Contact: Tuula Petäkoski-Hult
tuula.petakoski-hult@vtt.fi
T: +358 405 298 123
Website: http://somedall.vtt.fi

TAO
Community & Collaboration

TAO

Community & Collaboration

TAO's main goal is to make it easier for older people to take advantage of the opportunities offered by online communities. TAO also seeks to develop strategies for online communities who wish to encourage older people to contribute content.

Two kinds of online community are of particular importance: special interest organisations such as Seniorweb Switzerland and Seniorweb Netherlands, and communities with a wider audience such as Wikimedia.

In order to increase the number of older people participating in online communities and improve their user experience TAO attempts to :

develop effective methods and measures for motivating older people to participate in online communities and for fostering the intergenerational integration of these communities.
adapt the user surfaces and functionality of online platforms to the specific needs of older people without alienating existing users.

PARTNERS

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

Coordinator:
Bern University of Applied Sciences:
Department Business, Health, Social Work
Duration: 36 months
Starting date: 1 October 2010
Total budget: € 1.584.899
Public contribution: € 597.991
Contact: Beat Estermann
beat.estermann@bfh.ch
T: +41 318 483 438
Website: http://www.thirdageonline.eu

TRAINUTRI

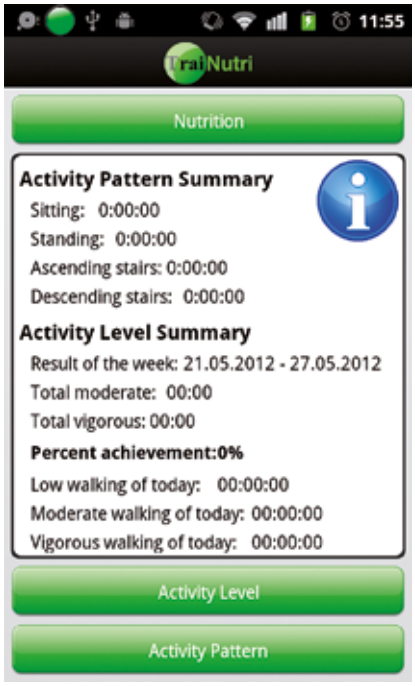
Trainutri and Nutrition Senior Social Platform

The project helps seniors to develop healthy habits (keeping them physically active and actively involved into their health maintenance) and enabled people to share and exchange healthy habits related activities.

The Trainutri Consortium provided 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 could 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 was provided. An extension with activity recognition technology and a global positioning module made 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	R&D	Spain	www.gbt.tfo.upm.es
MobiHealth	SME	Netherlands	www.mobihealth.com
University of Geneva	R&D	Switzerland	http://asg.unige.ch
KMOP	End-user	Greece	www.kmop.gr
UC3M-CAOS	R&D	Spain	www.caos.inf.uc3m.es
ArxIT SA	SME	Switzerland	www.arxit.ch
Vigisense SA	SME	Switzerland	www.vigisense.com

Coordinator:
Planet Media
Starting date: 1 May 2010
Duration: 27 months
Total budget: € 3.416.850
Public contribution: € 1.758.830
Contact: Carlos Celorrio Aguilera
carlos.celorrio@planetmedia.es
T: +34 661 679 821
Website: www.trainutri.com

V2ME

Virtual Coach Reaches Out “to Me” V2me

V2ME is a novel approach to alleviate and overcome loneliness in Europe’s ageing population. It combines virtual and real life social networks to assist the users in fostering meaningful relationships with their peers.

For the first time V2ME provides easy access to an individual training and guidance tool that relies on both state-of-the-art mobile and virtual reality technology. A Virtual Coach resides in the apartment of the users, helping with system usage, facilitating social connections and teaching new skills.

V2ME has been created using a user-centered design approach with involvement of potential users in all stages of the design process. In the initial requirements gathering phase, 30 End-users were interviewed and two workshops with 10 professionals were held.

The full system can be deployed to assisted living facilities and municipalities, deploying and using the services on a large scale. Tablet users can download a V2ME app for a low cost and purchase additional lectures created by professionals. Persons benefitting from a Virtual Coach can purchase the full system. ■

PARTNERS

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

Coordinator:
Fraunhofer-Gesellschaft e.V.
Duration: 36 months
Starting date: 1 May 2010
Total budget: € 4.057.564
Public contribution: € 2.609.878
Contact: Dr. Reiner Wichert
reiner.wichert@igd.fraunhofer.de
T: +49 6 155 155 574
Website: www.v2me.org

WECARE

WeCare 2.0

The WECARE project's primary goal has been to encourage older people to participate in social networks in order to enable them to contribute their valuable experience to society, to prevent isolation and loneliness and to improve their well-being. By increasing their social embedding and autonomy older people will be able to live at home longer, and will preserve their quality of life. Furthermore, by enabling the planning of family or informal care to older people more efficiently, the demand for professional care and social services will decrease and the risk of burnout of informal carers will also decrease.

In very general terms, the following business models could be appropriate: in Finland and Spain, the WECARE service can be integrated into existing care services, in order to improve the care services' quality and to reduce operational costs. In Ireland and The Netherlands, the WECARE service can be packaged with existing services, in order to improve the added value of these services and to raise revenues.

The ultimate goal of the WECARE project has been to enable (local) governments or providers of care or social services to successfully develop and deploy services like WECARE.

PARTNERS

Netherlands Organisation for Applied Scientific Research TNO	R&D	The Netherlands	www.tno.nl
Ericsson Telecommunication	Large enterprise	The Netherlands	www.ericsson.com
Simac	Large enterprise	The Netherlands	www.simac.com
ANBO	End-user	The Netherlands	www.anbo.nl
Institute of Innovation for Human Wellbeing I2BC	R&D	Spain	www.i2bc.es
Fundación Andaluza de Servicios Sociales FASS	End-user	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-user	Finland	www.caritas-saatio.fi
Skytek Ltd	SME	Ireland	www.skytek.com

Coordinator:
Netherlands Organisation for Applied Scientific Research TNO
Duration: 30 months
Starting date: 11 February 2010
Total budget: € 3.234.201
Public contribution: € 2.204.819
Contact: Sharon Prins
sharon.prins@tno.nl
T: +31 6 888 667 766
Website: www.wecare-project.eu

CALL 3

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

AMBIENT ASSISTED LIVING
JOINT PROGRAMME

2PCS

Personal Protection and Caring System

The aim of the project is to improve the mobility, the information accessibility and the subjective as well as objective safety of elderly people. Another goal of the 2PCS system is to reduce the emotional and psychological burden for care persons as well as for family members and to improve mobility, safety and freedom along all relevant life-phases.

The goal is to develop an attractive, intelligent, demand oriented and age-independent personal protection and caring system (2PCS device and infrastructure) without stigmatisation, restriction of freedom and permanent monitoring.

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. 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.

2PCS is adaptable to each person´s individual life-phase and provides three basic solutions: 1. A business edition (for stationary care / assisted living / rehab.), 2. A home edition (for ambulatory care / home care), 3. A private edition (for leisure, travel and sports).

PARTNERS

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

Coordinator:
University of Innsbruck. Department for Strategic Management, Marketing and Tourism
Duration: 24 months
Starting date: 1 July 2011
Total budget: € 1.615.950
Public contribution: € 1.214.445
Contact: Ao. Univ. Prof. Dr. Kurt Promberger
kurt.promberger@uibk.ac.at
T: +43 5 125 077 600
Website: www.2pcs.eu

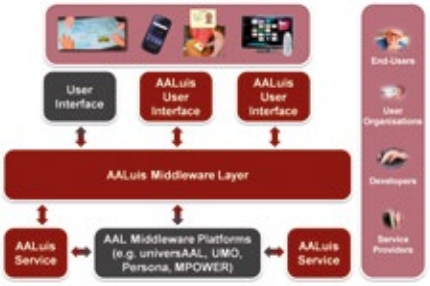
AALUIS

Ambient Assisted Living user interfaces

The aim of AALUIS is to facilitate the connection of different services to different types of user interfaces and thus to enable future users of AAL systems to use more services interacting in their preferred way

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.

At the end of the project a framework will be provided with a set of user descriptions and suitable user profile settings for the user interaction, new user interfaces with adaptation possibilities based on user profiles, the open source AALUIS user interface layer where those and other user interfaces can be connected to and a set of AAL Services. AALUIS aims to significantly contribute to the freedom of choice for end-users of services and users interfaces. This will help to support de-stigmatization of care products and put them on a self-serve continuum from 'Comfort to Care to Cure'.



PARTNERS

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

Coordinator:
AIT Austrian Institute of Technology GmbH
Duration: 36 months
Starting date: 1 July 2011
Total budget: € 3.238.624
Public contribution: € 2.149.027
Contact: Christopher Mayer
christopher.mayer@ait.ac.at
T: +43 505 504 833
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.

The goal is to sustain or improve cognitive functions in dementia patients by stimulating mirrorneurons, improve personal control over daily routines, increase in unrest behaviour and use of medication and assess the development of dementia by monitoring movement patterns with sensor technology.

PARTNERS

Woonzorg Unie Veluwe	End-user	The Netherlands	http://www.wzuveluwe.nl
VU University Amsterdam in partnership with TU University of Delft	R&D	The Netherlands	http://www.psy.vu.nl/en
Alzheimer Nederland	End-user	The Netherlands	http://www.alzheimer-nederland.nl
T3LAB	R&D	Italy	http://www.t3lab.it
NoemaLife	SME	Italy	http://www.noemalife.com/en
EXEL	SME	Italy	http://www.exelmicroel.com
Iniciativas Comunitarias de Desarrollo Estepa Sierra Sur	SME	Spain	
Mondragon University	R&D	Spain	http://www.mondragon.edu

Coordinator:
Woonzorg Unie Veluwe
Duration: 24 months
Starting date: 1 January 2012
Total budget: € 2.162.987
Public contribution: € 1.321.543
Contact: Eric Schlangen, HabiPro Consultancy
ericschlangen@habipro.nl
T: +31 650 254 686
Website: http://www.aal-alfa.eu

AMCO

Ambiente Concierge

The aim of AMCO is to develop a new, innovative and integrated standard-AAL-platform to enhance the quality of life and help all and especially elder people coping with every-day life, like bed-linen-changing-, cleaning- or party-services. Therefore smart living services are offered, adjusted to the needs of the individual. Communication should be endowed, advocated and inspirited, i.e. by easily video-conferencing and digital black boards. Furthermore the individual safety is increased, i.e. by automatic cooker-deactivation or in-house emergency calls. So the individual potentials can be brought into action.

Developing a new standard AAL-platform is the main purpose of the AMCO Project, therefore the AMCO Platform is the most remarkable result of the project. Another result will be the academic evaluation of the pattern-of-use categorized by demographic respectively geographic parameters, which can be consulted in future AAL projects. Furthermore the evaluation can be used to design service portfolios for new applications.

PARTNERS

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

Coordinator:
German Red Cross
Duration: 36 months
Starting date: 1 November 2011
Total budget: € 2.620.726
Public contribution: € 1.427.109
Contact: Mario Pawlowski
mario.pawlowski@drk-bitburg.de
T: +49 65 61 / 60 20 – 51
Website: http://www.ambient-concierge.eu

BANK4ELDER

Innovate Ways of Banking Designed for and by the Ederly

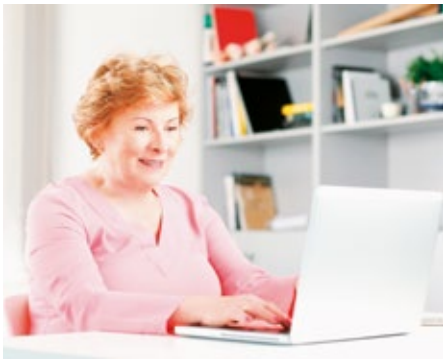
BANK4ELDER is a project thought to help elder people using new banking modes: web, automated teller machine (ATM), TV and mobile phone just defining a new framework. Target users will be active European people aged over 50.

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:** It will be offered 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.

It is expected to exploit these interfaces/services in four countries: Spain, Portugal, Italy and Germany. Thus, there is a potential market of 3900 banks and 76.5M elderly potential users.



PARTNERS

Vector Sf	Large enterprise	Spain	http://www.vectorsf.com
Instituto de Biomecanica de Valencia	R&D	Spain	http://www.ibv.org
Nuromedia	SME	Germany	http://www.nuromedia.com
New Amuser	SME	Italy	http://www.newamuser.it
Digintel	SME	Italy	www.digintel.it
Federacion Provincial de UDP de Valencia	End-user	Spain	http://www.valenciaudp.org
Associaçao Rede de Universidades da Terceira Idade	End-user	Portugal	http://www.rutis.org

Coordinator:
Vector SF
Duration: 36 months
Starting date: 1 October 2011
Total budget: € 1.723.108
Public contribution: € 973.976
Contact: Jaime González Martín
jagonzalez@vectorsf.com
T: +34 911 830 654
Website: http://www.bank4elder.eu

CARE@HOME

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

CARE@HOME is about enabling empowerment, wellness and social care services to the home of the elderly through interactive multimedia SmartTV. The idea is to enclose the social support system for the elderly and carry this as a personalized communication and service channel in their 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.

The progress beyond to the state-of-the-art of CARE@HOME project is that relevant technology regarding sensors, wireless networks, communication and multimedia is to be integrated in community driven products and services for the elderly, which are highly personalized and easy-to-use. Because of the easy accessible 'design platform' of Philips SmartTV, development new applications and services are in reach of many organizations and companies. ■

PARTNERS

Delft University of Technology	R&D	The Netherlands	www.tudelft.nl
Philips Consumer Lifestyle	Large enterprise	The Netherlands	www.philips.com
Singular Logic Romania / INTRAROM	Large enterprise	Romania	www.singularlogic.eu
Healthcare over Internet Protocol Community Interest Company	SME	United Kingdom	www.hoip.eu
The Building Research Establishment	R&D	United Kingdom	www.bre.co.uk
Mextal BV	SME	The Netherlands	www.mextal.com
National Elderly Foundation	End-user	The Netherlands	www.ouderenfonds.nl
Living Lab Foundation	End-user	The Netherlands	www.livinglab.nl
Actimage	SME	Luxembourg	www.actimage.com
Bournemouth Borough Council	End-user	United Kingdom	www.bournemouth.gov.uk

Coordinator:
Delft University of Technology
Duration: 36 monts
Starting date: 21 November 2011
Total budget: € 3.907.881
Public contribution: € 2.033.585
Contact: Dr. Nick Guldemond
n.a.guldemond@tudelft.nl
T: +31 152 781 988
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. ELDERHOP wants to provide a complex easy-to use solution to improve the quality of life of elderly people. The objective is to develop, test, and make available a suite of open-source mobile and TV applications, which supports people above 65 in their important daily activities like shopping, using public transport, etc. The envisioned end product will facilitate the outdoors activity and navigation capabilities of the elderly, while decreasing their anxiety and stress levels. Our goal is to launch the service at the end of the project, and reach 2% of the target population within 24 months after finishing the project.

The solution will be available from app stores, and it will increase the sense of security, comfort, and self-esteem of elderly people through providing them easy-to use technologies. Further expected benefits include the increased digital inclusion of the elderly through user-friendly interfaces adapted to their needs, and the assistance provided to the elderly in the search for special deals and discounts (helping them to save money).

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

Coordinator:
Mobility and Multimedia Coordination Office Nonprofit Ltd
Duration: 24 months
Starting date: 1 September 2011
Total budget: € 1.777.488
Public contribution: € 1.029.910
Contact: Mr. Barnabás Málnay
Barnabas.malnay@mmklaszter.com
T: +36 309 303 415
Website: http://www.elderhop.com

ENTRANCE

Enabling Elderly People travel and Internet Access

ENTRANCE will develop an innovative platform for trip planning, indoor and outdoor navigation and Internet service use. The platform will comprise a home terminal with a serious game and a multisensory mobile interface for navigation and 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.

The ENTRANCE platform will be tested with about 90 users aged 50 or more, at two test locations in Austria and France. The ENTRANCE platform could be brought to the market at the end of 2015.

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-user	France	http://www.autonom-lab.com
50Plus GmbH	End-user	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

Coordinator:
Commisariat à l'énergie atomique et aux énergies alternatives
Duration: 36 months
Starting date: 1 September 2011
Total budget: € 4.385.128
Public contribution: € 2.096.042
Contact: José Lozada
jose.lozada@cea.fr
T: +33 146 549 049
Website: www.entrance.fr

FEARLESS

Fear Elimination As Resolution for Loosing Elderly's Substantial Sorrows

FEARLESS is a project designed to detect a wide range of risks with a single sensor unit, enhancing mobility and enabling elderly to take active part in the self-serve society by reducing their fears.

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.

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.

The actual low penetration of the technology is expected to offer growth opportunities to information and communications infrastructure providers, social alarm equipment's suppliers as well as community service providers.

PARTNERS

CogVis GmbH	SME	Austria	http://www.cogvis.at
Vienna University of Technology	R&D	Austria	http://caa.tuwien.ac.at/cvl
University of Bamberg	R&D	Germany	http://www.uni-bamberg.de/allgpsych
TeSAN	End-user	Italy	http://www.tesan.it
i2CAT Technological Center	End-user	Spain	http://www.i2cat.net
InfoKom GmbH	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	R&D	Austria	http://www.meduniwien.ac.at

Coordinator:
CogVis GmbH
Duration: 36 months
Starting date: 1 July 2011
Total budget: € 2.476.277
Public contribution: € 1.524.195
Contact: DI Michael Brandstötter, MSc
brandstoetter@cogvis.at
T: +43 199 715 940
Website: www.cogvis.at

FOOD

Framework for optimizing the process of feeding

ICT-based services aimed at supporting safety, autonomy and effectiveness of feeding daily activities are proposed, either home-based (in the kitchen environment) or internet-based.

The FOOD system relies on a technical infrastructure, made of **sensors**, smart **kitchen appliances** and user's interaction tools (**interfaces**), thus building a kitchen networked environment. The kitchen is therefore connected to external physical and digital networks (i.e., neighbourhood community, shops and to the web), enabling service aimed at increasing safety, at providing help and guidance in food preparation and at fostering exploitation of inherent social and cultural implication of feeding. End-users (which include elderly people as well as their supporting network) are involved in system and service design since its earlier phases, exploiting participatory design tools.

Services supporting independent and rewarding kitchen activities will be made available and tested on a 18 month pilot phase, in 3 European countries. Users and market perspectives will be assessed through evaluation tools, also exploited for iterative trimming of devised solutions.

PARTNERS

Indesit Company SPA	Large enterprise	Italy	http://www.indesitcompany.com
Ass. Naz. Mutilati ed Invalidi del Lavoro, ANMIL	End-user	Italy	http://www.anmil.it
Brainport Development N.V.	End-user	The Netherlands	http://www.brainport.nl
Copenhagen Inst. of Interaction Design, CIID	Large enterprise	Denmark	http://ciid.dk
Dept. of Social Services, Local Council Brasov	End-user	Romania	http://www.brasovcity.ro
Internat. Business School, Jönköping University	R&D	Sweden	http://hj.se/jibs
Consiglio Nazionale delle Ricerche, CNR	R&D	Italy	http://www.ifac.cnr.it
Università degli Studi di Parma	R&D	Italy	http://www.unipr.it
SC Vision Systems SRL	Large enterprise	Romania	http://www.vision-systems.ro

Coordinator:
Indesit Company SPA
Duration: 36 months
Starting date: 1 September 2011
Total budget: € 3.232.865
Public contribution: € 1.616.337
Contact: Leonardo Arteconi
leonardo.arteconi@indesit.com
T: +39 0 732 663 999
Website: http://www.food-aal.eu

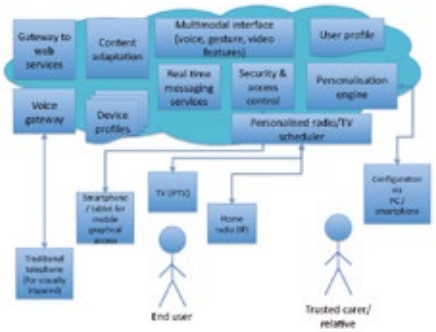
GOLDUI

Adaptive Embedded Human Interfaces designed for older people

The concept of GOLDUI is focused on empowering the older individual, enabling them to access online "self serve" services and therefore to benefit from the digital world by using the familiar home technologies of domestic radio, TV and telephone augmented by a mobile smartphone interface when away from home.

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.

12-18 months after the end of the project, there will be a commercial launch.



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.	Large enterprise	Italy	http://www.tiscali.it
Fundación para la eSalud (FeSalud)	End-user	Spain	http://www.fesalud.org

Coordinator:
HI-Iberia Ingeniería y Proyectos S.L.
Duration: 24 months
Starting date: 18 July 2011
Total budget: € 1.537.726
Public contribution: € 807.656
Contact: Inmaculada Luengo
iluengo@hi-iberia.es
T: +34 914 585 119
Website: www.goldui.eu

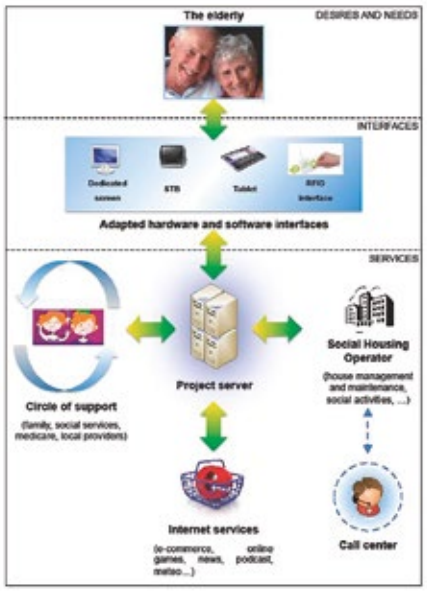
HOST

Smart technologies for self-service to seniors in social housing

The aimed solution is to provide easy-to-use technologies and services in social housing flats to allow a better quality of communication and a better access to package services from the elders; by experimenting a European model of "connected flats" for elder people, characterised by specific equipments enabling easier relations with, family, service providers and housing operators.

The partners of the project will develop a digital infrastructure of the social housing and a gateway to their services. The expected impacts on a European scale will be:

- An overall assessment (technology, usages, interface, contents, communication…) of such a device to capitalized on the project management
- Experimentation of business models for service providers, social housing operators and elderly tenants (what kind of opportunities induced by mutualisation?)
- A cross fertilization process between different countries and different practices that could contribute to a long term "share of experiences"
- The sketch of a standard architecture to help the spreading of related projects



PARTNERS

OPAC du Rhône	End-user	France	http://www.opacdurhone.fr
FINABITA	SME	Italy	http://www.legacoopabitanti.coop
Nottingham Community Housing	End-user	United Kingdom	http://www.ncha.org.uk
ADAMA/ AVIZEN	SME	France	http://www.avizen.fr
National Research Council Construction Technologies Institute	R&D	Italy	http://www.itc.cnr.it
Conseil Général du Rhône / ERASME	R&D	France	http://www.erasme.org
Université Joseph Fourier Grenoble 1	R&D	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	R&D	Spain	http://www.polibienestar.org

Coordinator:
OPAC du Rhone
Duration: 30 months
Starting date: 1 May 2011
Total budget: € 4.774.086
Public contribution: € 2.290.680
Contact: Françoise Abry
fabry@opacdurhone.fr
T: +33 478 955 105
Website: www.host-aal.eu

InclusionSociety

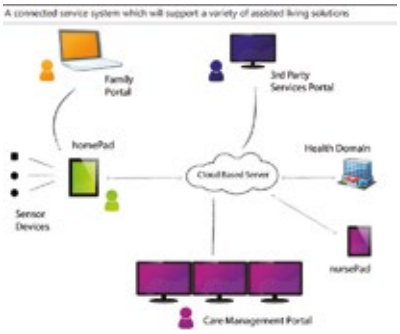
INCLUSIONSOCIETY

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

INCLUSION SOCIETY is a connected service system which will support organisations delivering an improved community care service. The aim is to help people adapt their lifestyle, improve their health, and feel connected.

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.

INCLUSION SOCIETY development will deliver 4 modules, where at an early stage **homePad** and the **friends & family portal** can be installed. The system will grow with their demands to cover the demands of care by bridging the homePad to **Care Management System** at the Service Provider's center.



PARTNERS

Hospital Organiser AS	End-user	Norway	www.hospitalorganiser.no
Mediq AS	SME	Denmark	www.mediq.dk
Alloy LTD	SME	United Kingdom	www.thealloy.com
Vivit AS	SME	Norway	www.vivit.no

Coordinator:
Hospital Organiser AS
Duration: 36 months
Starting date: 1 March 2011
Total budget: € 1.583.790
Public contribution: € 813.839
Contact: Gudmundur Einarsson
gu.einarsson@gmail.com
T: +47 90 612 214
Website: www.inclusionSociety.com

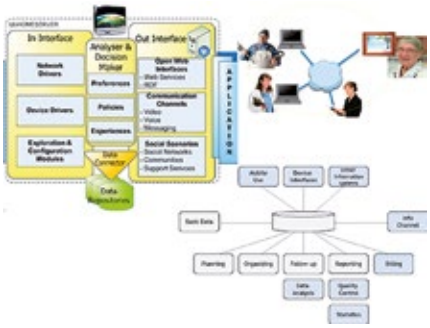
LILY

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

LILY aims at putting the technology at the service of three dimensions of users: the single individual older persons, persons in direct contact with their professional care and social workers as well as family members, together with the institutions and private organizations paying and enabling services that are public sector, social security or insurance companies.

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.

LILY will prototype the needed products and services. Pre-industrial prototypes of the products, validated in 2 pilot sites will be available at the end of the projectAs an outcome a set of business models are created which are easy to replicate to new sites.



PARTNERS

University of Oulu, Raahe unit	R&D	Finland	http://ratoy.oulu.fi
Oulu University of Applied Sciences	R&D	Finland	http://www.oamk.fi
Technical University of Vienna	R&D	Austria	http://www.aat.tuwien.ac.at
Siperia Systems Oy	SME	Finland	http://finplatform.pbol.org
VISAGE Camera-Contact SA	SME	France	http://camera-contact.com
The Districal Joint Municipal Authority of Health Care in Raahe, Siikajoki, Pyhäjoki and Vihanti	End-user	Finland	http://www.ras.fi
The Chamber of Commerce and Industry of the Creuse area	End-user	France	http://www.cci-creuse.com

Coordinator:
University of Oulu, Raahe unit
Duration: 36 months
Starting date: 1 December 2011
Total budget: € 1.937.854
Public contribution: € 1.333.553
Contact: Pekka Ala-Siuru
pekka.ala-siuru@oulu.fi
T: +358 401 977 688
Website:http://www.aal-europe.eu/projects/lily/

MOBILESAGE

Situated Adapted Guidance for the Mobile Elderly

The objective of MOBILESAGE is to provide elderly people with context-sensitive, personal-ized and location-sensitive tools which allow them to carry out and solve everyday tasks and problems when and where they occur, "just-in-time". Modern elderly live longer, are healthier, more active, mobile, independent and more demanding customers than ever before They will increasingly look for useful, user-friendly and personalized ICT services that add value to their active and mobile life and that can help them to stay active despite various impairments. Here MOBILESAGE provides a timely approach and solution.

The MOBILESAGE services will considerably ease the understanding of everyday devices and machines and increase the independence of primary end-users by providing help for self-help and stimulate their own problem solving skills in everyday life. It will also lighten the burden for family members, care persons, and other secondary end-users as the primary end-user will be enabled to solve daily challenges in an independent manner. Also, NGOs for the elderly are likely to find the services valuable and useful.

PARTNERS

Norwegian Computing Center	R&D	Norway	www.nr.no
Seniornett	End-user	Norway	www.seniornett.no
TeamNet	SME	Romania	www.teamnet.ro
University of Ulster (subcontractor)	R&D	United Kingdom	www.ulster.ac.uk
ISOIN – Ingeniería y Soluciones Informáticas S.L.	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

Coordinator:
Norwegian Computing Center
Duration: 30 months
Starting date: 7 July 2011
Total budget: € 2.398.645
Public contribution: € 1.242.822
Contact: Ivar Solheim
Solheim@nr.no
Website: http://mobilesage.eu

MYLIFE

Multimedia technology for independence and participation for people with dementia

The objective of MYLIFE is to support independence for older people with reduced cognitive function by giving them access to simple and intuitive services that are adapted to their individual needs and wishes. The final service offered by MYLIFE supports time-orientation, communication and recreational activities.

The primary end-users of the MYLIFE service are older persons with reduced cognitive abilities, and the secondary end-users are formal or informal caregivers. 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.

MYLIFE will also create new business opportunities for SMEs and enable a greater uptake of electronic self-services.

PARTNERS

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

Coordinator:
Karde AS
Duration: 20 months
Starting date: 1 April 2011
Total budget: € 1.059.973
Public contribution: € 620.335
Contact: Dr. Riitta Hellman
rh@karde.no
T: +47 98 211 200
Website: http://www.karde.no/MYLIFE_english.html

NACODEAL

Natural Communication Device for Assisted Living

NACODEAL project will provide a new type of easy-to-use Technology tool for elderly people, to enable them to actively face challenges related to daily life while keeping them connected to today's Information Society. NACODEAL will provide a guidance service by using Augmented Reality, creating friendly guides, to enable elders to be self-sufficient despite their memory diseases and access online services which are relevant to them. NACODEAL will generate a portable device easy to use and easy to understand, taking into consideration their preferences.

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. 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.

PARTNERS

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

Coordinator:
Instituto Tecnológico de Castilla y León
Duration: 30 months
Starting date: 1 October 2011
Total budget: € 2.537.715
Public contribution: € 1.217.221
Contact: Maite Cobo Abeytua
maite.cobo@itcl.es
T: +34 947 298 471
Website: http://www.nacodeal.eu/en

SAAPHO

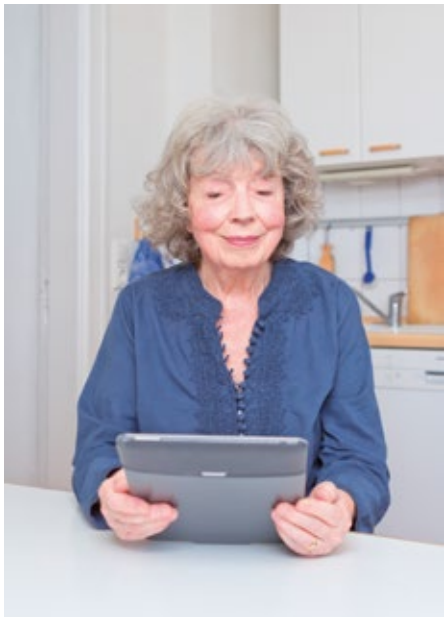
SAAPHO

Secure Active Aging: Participation and Health for the Old People

The system proposed is focused on boosting accessibility to a diverse number of healthcare, participation and security services by means of easy-to-use and easy-to-configure user interfaces. Thus, intelligent, intuitive and user-friendly tools stating on tactile screen-based fixed and mobile devices will allow and facilitate the access to these services, according to these three main axes of Active Ageing.

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.

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 (BDIGITAL)	R&D	Spain	http://www.bdigital.org
L'Institut d'Envelliment	End-user	Spain	http://www.envelliment.org
Technosite	Large enterprise	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

Coordinator:
Barcelona Digital Centre Tecnològic (BDIGITAL)
Duration: 36 months
Starting date: 1 July 2011
Total budget: € 3.072.388
Public contribution: € 1.685.516
Contact: Felip Miralles
fmiralles@bdigital.org
T: +34 935 534 540
Website: http://www.saapho-aal.eu

SOCIALIZE

Service Oriented Assisted Living Infrastucture

The SOCIALIZE project will develop a hardware/software platform able to put in close contact the elder users with the community where they live, promote elderly social interaction and proactive involvement in the democratic development of their own community through the use of new technology implemented in the elderly day by day contest. SOCIALIZE technology will be accessible by different channel and in different geographical locations.

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

- a service-oriented software architecture to supply network services with cloud computing modalities,
- 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)
- 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.

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	Italy	www.fondazionepolitecnico.it
Consorzio Nazionale IDEE IN RETE	End-user	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	Switzerland	www.casasantalucia.ch

Coordinator:
IRIS Consortium srl
Duration: 36 months
Starting date: 1 May 2012
Total budget: € 3.847.772
Public contribution: € 1.956.381
Contact: Massimo Galante
m.galante@irisconsortium.eu
T: +39 835 345 000
Website: http://www.aal-europe.eu/projects/socialize

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.

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	www.tuwien.ac.at
Utrecht School of the Arts	R&D	Netherlands	www.hku.nl
Au fil des Cévennes	End-user	France	
E-Seniors	End-user	France	www.eseniors.eu
Europäische Arbeitsgemeinschaft Osterreich - EURAG	End-user	Austria	www.eurag.at
Dessine-moi mon répit – DMMR Tourism	End-user	France	www.alloj.fr

Coordinator:
Centre de Recherche Public Henri Tudor
Duration: 24 months
Starting date: 1 September 2011
Total budget: € 1.748.019
Public contribution: € 1.290.000
Contact: Dr. Djamel Khadraoui
djamel.khadraoui@tudor.lu
T: +352 66 142 591 429
Website: http://www.stimulate-aal.eu

VASSIST

Voice Controlled Assistive Care and Communication Services for the Home

VASSIST aims at providing specific voice controlled Home Care and Communication Services for two target groups of older persons: Seniors suffering from chronic diseases and/or suffering from (fine) motor skill impairments.

The goal of VASSIST is to provide specific voice controlled Home Care and Communication Services for older persons.

The result of VASSIST are multilingual natural voice interfaces for a specific set of communication and tele-medicine services along with specific hard and software developments to provide these services in the older users' home. In this way VASSIST will provide an alternative and easy access to existing communication and tele-medical solutions for senior persons. VASSIST will reduce costs related to the service delivery by using existing on-site hardware and infrastructure such as TV, Smart Phone and PC.

PARTNERS

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

Coordinator:
AIT Austrian Institute of Technology
Duration: 36 months
Starting date: 1 December 2011
Total budget: € 2.345.104
Public contribution: € 1.432.218
Contact: Markus Garschall
markus.garschall@ait.ac.at
T: +43 50550-4534
Website: http://vassist.cure.at

WAYFIS

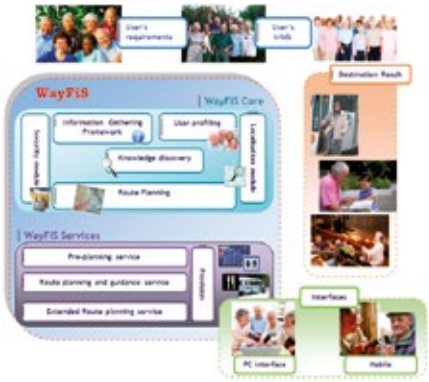
Way Finding Seniors

The WAYFIS project aims at improving the capability of seniors to plan, manage and execute travel and transportation projects at their own discretion by solving the problems elderly people cope with when trying to move in unknown outdoor environments, thus enabling them to take part in the self-serve society.

WAYFIS is the first route planning service for older adults that considers both the pedestrian and public transportation mobility issues and that it is based on the existence of a wide range of personalization features, building up user profiles, and that include the health limitations, common behaviours and needs.

The process of way finding will have to consider a variety of objectives regarding the totality of the journey such as the following: performing the minimum physical activity; matching nutrition needs and disease's restrictions; avoiding inaccessible routes, etc. WAYFIS project will be based on the development of a pilot to be tested by approximately 200 end-users.

First estimations of time to market (that may be modified after receiving users' feedback) let us plan a needed period of 15 months after the finalization of the project for the development of the first ready to market service.



PARTNERS

HI-Iberia Ingeniería y Proyectos SL	SME	Spain	www.hi-iberia.es
University of Geneva	R&D	Switzerland	www.qol.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	R&D	Hungary	www.bzlogi.hu
Teréz Anya Szociális Integrált Intézmény, Hévíz (HRS)	End-user	Hungary	

Coordinator:
HI-Iberia Ingeniería y Proyectos SL
Duration: 30 months
Starting date: 01 March 2011
Total budget: € 1.497.410
Public contribution: € 962.526
Contact: Inmaculada Luengo
iluengo@hi-iberia.es
T: +34 914 589 823
Website: www.wayfis.eu

CALL 4

ICT-based solutions for advancement of older persons' mobility

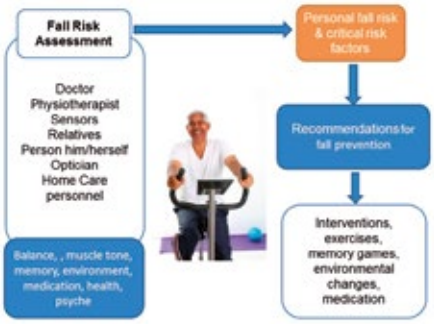
AMBIENT ASSISTED LIVING
JOINT PROGRAMME

AIB

Ageing in Balance

The aim of AGEING IN BALANCE (AiB) project is to develop a new solution for preventing the falls of the older adults, which would reduce the costs produced by the falls and increase the quality of life of the older people. The solution will include two aspects: assessing the fall risk and preventing the falls. The fall risk assessment tools will include full-scale professional assessments and also short assessments, which can be used for self-assessments or by care professionals. The prevention tools will consist of physical and cognitive exercises and also environmental guidance.

In AiB, an innovative model of risks of falls will be developed. The model will include all possible risk factors as described by the various studies and assessments from all aspects (mental, physical and environmental: intrinsic and extrinsicPreventing the majority of falls would save a lot of money and improve and prolong the good quality of life of ageing adults. The project will also survey the willingness to pay point of view as well as to better define the costs and effects. User involvement is crucial in this project. Users from Spain and Finland will be engaged in the specification, development and testing phases so that the development can be based on their feedback as well.



PARTNERS

VTT Technical Research Centre of Finland	R&D	Finland	http://www.vtt.fi
Four Computing	SME	Finland	http://www.fourcomp.com
Alkit Communications	SME	Sweden	http://www.alkit.se
Hospital La Fuenfria	End-user	Spain	http://www.madrid.org/hospitalfuenfria

Coordinator:
VTT Technical Research Centre of Finland
Duration: 36 months
Starting date: 1 March 2012
Total budget: € 1.478.093
Public contribution: € 826.147
Contact: Milla Immonen
milla.immonen@vtt.fi
T: +358 207 222 168
Website: http://aib.vtt.fi

ALICE

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

The objective of the project is to develop an assistive device called ALICE with navigational and cognitive abilities.

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	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

Coordinator:
Comland d.o.o. IT Solutions Development
Duration: 30 months
Starting date: 1 June 2012
Total budget: € 1.797.253
Public contribution: € 1.107.169
Contact: Dr. Davorka Šel
davorka.sel@comland.si
T: +386 14 380 168
Website: www.alice-project.eu

ALMA

Ageing without Losing Mobility and Autonomy

ALMA aims to support the autonomous mobility, navigation, and orientation of the mobility-impaired person (elderly and/or temporarily or permanently disabled person) through the realization and combination of a set of advanced hw/sw technologies into an integrated and modular cost-effective system composed by: (i) an indoor localization system based on a network of low-cost/low-power RF emitters, to provide room level localization of people and objects: (ii) an ad-hoc, autonomic hw/swsystem based on networked smart cameras providing accurate indoor and outdoor localization, environment monitoring, and situation assessment; (iii) a system for online planning and scheduling of users' paths and activities, matching users' specific needs with the state of the environment and of resources; (iv) a Personal Mobility Kit for electric powered wheelchairs, allowing them to perform automatic or assisted navigation and to interact with the surrounding environment; (v) a Personal Navigation Assistant, providing a user-friendly interface to all ALMA functionalities, tailored to the specific user requirements and physical limitations. Two pilot applications, presenting different scenarios and therapeutic issues for both primary (elderly, rehabilitation patients) and secondary (care givers) end-users will guide project development. They will also provide on-field assessment of the produced technology, both as a fully integrated system and as a subset of interacting modules.

PARTNERS

Scuola Universitaria Professionale della Svizzera Italiana	R&D	Switzerland	www.supsi.ch
Politecnico di Milano, Dipartimento di Elettronica e Informazione	R&D	Italy	www.polimi.it
Info Solution SpA	SME	Italy	www.infosolution.it
VCA Technology Ltd.	SME	United Kingdom	www.vcatechnology.com
Istituti Sociali di Chiasso	End-user	Switzerland	www.chiasso.ch
Clinica Hildebrand	End-user	Switzerland	www.clinica-hildebrand.ch
University of Wurzburg, Department of Criminal Law, Criminal Justice, Legal Theory, Information and ComputerScience Law	R&D	Germany	www.uni-wuerzburg.de
Degonda Rehab SA	SME	Switzerland	www.degonda.ch

Coordinator:
Scuola Universitaria Professionale della Svizzera Italiana (SUPSI)
Duration: 36 months
Starting date: 2 April 2013
Total budget: € 2.997.526
Public contribution: € 1.435.220
Contact: Gianni Di Caro
gianni@idsia.ch
T: +41 762 203 264
Website: http://www.aal-europe.eu/projects/alma

ASSAM

Assistants for Safe Mobility

The ASSAM project aims to compensate for declining physical and cognitive capabilities of elderly persons by user-centred development of modular navigation assistants for various mobility platforms, such as walker, wheelchair, and tricycle, enabling sustained everyday 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.

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.

The **ASSAM Forum** will be set up for enterprises such as shopping centres, hotels, hospitals, airports or cities who intend to buy mobility assistants in numbers to rent to their clients for sharing.

The Navigation Aid user interface runs on an Android Nexus-7 tablet, and is mounted on a commercially available TOPRO TROYA walker.

PARTNERS

German Research Center for Artificial Intelligence	R&D	Germany	www.dfki.de
Budelmann Elektronik	SME	Germany	www.budelmann-elektronik.com
Johanniter-Unfall-Hilfe e.V.	End-user	Germany	www.johanniter.de
Neusta mobile solutions GmbH	SME	Germany	www.neusta.de
Universitat Politécnica de Catalunya	R&D	Spain	esaii.upc.edu
Centre de vida independent	End-user	Spain	www.cvi-bcn.org
Utrecht School of the Arts	R&D	The Netherlands	kmt.hku.nl
Stichting Bartiméus	End-user	The Netherlands	www.accessibility.nl
Ecobike, S.L.	SME	Spain	www.ecobike.com
Lifante Vehicles, S.A.	SME	Spain	www.lifante.net

Coordinator:
German Research Center for Artificial Intelligence (DFKI GmbH)
Duration: 36 Months
Starting date: 1 June 2012
Total budget: € 2.979.164
Public contribution: € 2.039.942
Contact: Prof. Dr. Bernd Krieg-Brückner
Bernd.Krieg-Brueckner@DFKI.de
T: +49 42 121 864 220
Website: www.assam-project.eu

ASSISTANT

Aiding Sustainable Independent Senior Travellers to Navigate in Towns

One of the requirements for successful and independent aging is to be engaged in the world and the mobility of older people is the first step for this. The ASSISTANT project will aid them in using public transport anywhere (rural/urban) and provide a simple yet effective safety line for them.

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	Large enterprise	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	United Kingdom	http://www.ttr-ltd.com
University of Vienna	R&D	Austria	http://www.univie.ac.at
VTT Technical Research Centre of Finland	R&D	Finland	http://www.vtt.fi

Coordinator:
Fundación Tecnalia
Duration: 36 months
Starting date: 1 June 2012
Total budget: € 2.666.015
Public contribution: € 1.410.848
Contact: Stefan Carmien
stefan.carmien@tecnlia.com
T: +34 667 119 685
Website: http://www.aal-assistant.eu

COM'ON

Confident Motion

The overall objective for COM'ON is to develop, test and deploy a digital platform and associated services for public transportation, which offer coping support to older persons - having mild to moderate problems with moving around.

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.

Family members will be able to support their relatives, and encourage them to maintain their mobility and increase their self-reliance

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	R&D	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	End-user	Spain	www.i2cat.net
City of Luxembourg	End-user	Luxembourg	www.vdl.lu
Waag Society	End-user	The Netherlands	http://waag.org

Coordinator:
Copenhagen Living Lab
Duration: 28 month
Starting date: 1 March 2012
Total budget: € 2.698.711
Public contribution: € 1.444.665
Contact: Thomas Hammer-Jakobsen
hamm@copenhagenlivinglab.com
T: +45 20 232 205
Website: www.comon.lu

CONFIDENCE

Mobility Safeguarding Assistance Service with Community Functionality for People with Dementia

The aim of CONFIDENCE is to develop a community-based mobility safeguarding assistance service for people suffering from mild to moderate dementia. CONFIDENCE combines "assistive technologies" with "personal help". The CONFIDENCE service is built around a "virtual companion" providing different levels of assistance, depending on the situational needs of the patient and the degree of orientation loss. The service is supplemented with personal help from family members, staff of home care agencies and/or trusted volunteers.

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).

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.	Large enterprise	Austria	https://www.raiffeisen-rechenzentrum.at
ilogs mobile software GmbH	SME	Austria	http://www.ilogs.at/de
Presence displays bv.	SME	The 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
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	Large Enterprise	Switzerland	http://www.swisscom.com

Coordinator:
Salzburg Research Forschungsgesellschaft m.b.H.
Duration: 36 months
Starting date: 1 June 2012
Total budget: € 2.820.158
Public contribution: € 1.526.321
Contact: Cornelia Schneider
cornelia.schneider@salzburgresearch.at
T: +43 6 622 288 - 418
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. 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.

The expected result is a system which is deployed as an app on selected, outdoor-suitable mobile devices. The app includes a hiking guide, high quality route information and basic safety system, which constantly checks the surrounding conditions(weather, daylight) for critical situations. The app is connected to an emergency centre which is notified in critical situations and, based on the location information, can send out rescue teams. Notifications can be triggered manually or using a built-in tracking tool, which works on reaching preliminary defined GPS control points along the tour.

PARTNERS

University of St. Gallen, Institute of Information Management	R&D	Switzerland	http://www.iwi.unisg.ch
University of Applied Sciences St. Gallen	R&D	Switzerland	http://www.fhsg.ch
Curena AG	SME	Switzerland	http://www.curena.ch
Augmentra Ltd.	End-user	United Kingdom	http://www.viewranger.com
Bergverlag Rother GmbH	SME	Germany	http://www.rother.de
German Red Cross Herten	End-user	Germany	http://www.drk-herten.de
Schweizer Alpen Club (SAC)	End-user	Switzerland	http://www.sac-cas.ch

Coordinator:
University of St. Gallen, Institute of Information Management
Duration: 24 months
Starting date: 1 August 2012
Total budget: € 1.568.577,10
Public contribution: € 733.757
Contact: Peter Schenkel
peter.schenkel@unisg.ch
T: +41 712 243 795
Website: http://www.dossy-aal.com

E-MOSION

Elderly Friendly Mobility Services for Indoor and Outdoor Scenarios

The proposal aims at enabling integral outdoor and indoor localization and mobility services for elderly people with age-related sensory (visual, auditory) and cognitive (memory) impairments that help them in their daily routine activities far from home.

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.

The aim is to create an open platform in E-MOSION highlights the need and wish of the consortium to be compatible to or even better reuse other open AAL platforms, such as universAAL.

PARTNERS

Integrasys S.A.	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	The Netherlands	http://www.noldus.com
INERTIA Technology	SME	The Netherlands	http://inertia-technology.com
MATTERSOFT	SME	Finland	http://www.mattersoft.fi
Unie KBO	End-user	The Netherlands	http://www.uniekbo.nl

Coordinator:
Integrasys S.A.
Duration: 30 months
Starting date: 1 July 2012
Total budget: € 2.413.672,80
Public contribution: € 1.538.170
Contact: José Manuel Sánchez Delgado
jose.sanchez@integrasys-sa.com
T: +34 916 316 846
Website: http://www.emosion-project.eu

ESTOCKINGS

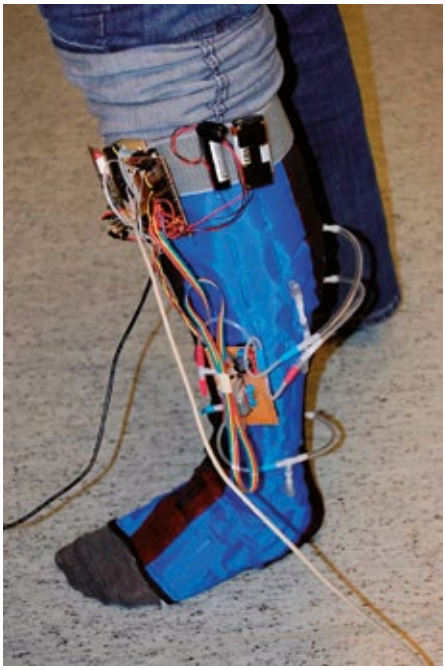
New Generation Smart Compression Stockings with Integrated ICT for Superior Customized Performance

Venous insufficiency is a chronical health problem with a huge impact on the quality of life of older persons, since it is greatly hindering their mobility both indoor and outdoor. It is characterized by poor back flow of blood to the heart, which can ultimately originate ulcers.

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.

This project targets a **novel solution** with sophisticated **ICT-based** compression stockings that can deliver high-standard treatment. The stockings will be easy to use by older persons who will be able to put them on/off by themselves improving their **self-sufficiency and mobility**.



PARTNERS

Tisturion	SME	Denmark	http://www.tisturion.dk
Aarhus University, Department of Engineering	R&D	Denmark	http://eng.au.dk
Tampere University of Technology	R&D	Finland	http://www.tut.fi
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	United Kingdom	http://www.nonwovens-innovation.com
The Lindsay LegClub Foundation	End-user	United Kingdom	http://www.legclub.org
Curaviva	End-user	Swiss	http://www.curaviva.ch

Coordinator:
Tisturion
Duration: 36 months
Starting date: 1 February 2012
Total budget: € 1.934.259
Public contribution: € 1.165.280
Contact: Frants Christensen
fc@tisturion.dk
T: +45 25 700 752
Website: http://www.e-stockings.eu

EXO-LEGS

Exoskeleton Legs for Elderly Persons

EXO-LEGS is aimed at developing lower body mobility exoskeletons for helping people move around to perform normal daily living tasks. EXO-LEGS will develop theoretical and modular frameworks able to realise prototype devices that can be useful for assisting human mobility.

The added value of the EXO-LEGS exoskeletons over current wheelchair mobility solutions is that they will provide users with the ability to travel on different types of ground (hard, soft, uneven, etc), ascend/descend stairs, and step over/reach over objects. Furthermore, the exoskeletons will have a much smaller footprint more suitable for moving around in the confined spaces within domestic houses. Since the exoskeletons mimic normal body posture, their use will have significant health benefits over wheelchairs (such as regaining normal bladder and bowel functions) as well providing the ability to exercise and increase muscle activity. It is well known that such exercising increases the cognition abilities as it increases oxygen flow to the brain giving another reason for choosing this option over wheelchairs.

PARTNERS

University of Gävle	R&D	Sweden	www.hig.se
Karlsruhe Institute of Technology	R&D	Germany	http://rob.ipr.kit.edu
Universidad Politécnica de Cartegena	R&D	Spain	www.upct.es
Chas A Blatchford & Sons Limited	SME	United Kingdom	www.blatchford.co.uk
Hocoma AG	SME	Switzerland	www.hocoma.ch
GIGATRONIK Technologies GmbH	SME	Germany	www.gigatronik.de
MRK Systeme GmbH	SME	Germany	www.MRK-Systeme.de
Proyecto Control Montaje, S.L.	SME	Spain	www.pcmsl.com
Mobile Robotics Sweden AB	SME	Sweden	www.mobile-robotics.com
Gävle kommun and other Gävleborg partners	End-user	Sweden	www.gavle.se

Coordinator:
University of Gävle
Duration: 36 months
Starting date: 1 October 2012
Total budget: € 4.559.117
Public contribution: € 2.776.346
Contact: Professor Gurvinder S. Virk
gurvinder.virk@hig.se
T: +46 26 648 704
Website: http://www.exo-legs.org

GAMEUP

Game-based Mobility Training and Motivation of Senior Citizens

The main objective of GAMEUP is to develop a platform for social and exercise games to reduce physical and motivational barriers of elderly people's mobility. Examples are games or game-based technology that will help to better the balance and leg strength of the users. Social aspects and good feedback will be used as motivation.

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.

The games will also be adapted to the elderlies' needs of taking the time they need. The platform developed will be social so that the users can play together – but maybe not simultaneously.

PARTNERS

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

Coordinator:
Ibernex Ingeniería S.L.
Duration: 36 months
Starting date: 1 April 2012
Total budget: € 2.226.345
Public contribution: € 1.041.306
Contact: Antonio REMARTINEZ
antonio.remartinez@ibernex.es
T: +34 976 794 226
Website: http://www.gameupproject.eu

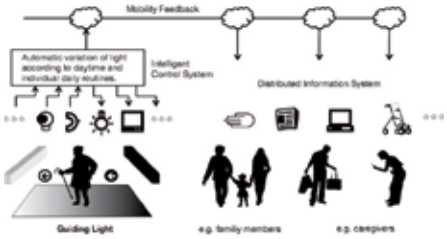
GUIDING LIGHT

Ambient Light Guiding System for the Mobility Support of Elderly People

Within this project we will develop and implement an intelligent light wayguidance system, which should attenuate age-related mobility impairments caused by reduced spatio-temporal orientation, worry about getting lost, and fear of falling. This GUIDING LIGHT will consist of up to date lighting technologies, innovative intelligent control algorithms, smart mobility monitoring systems, and a distributed information system for mobility parameters. Together with end-users and all stakeholders we will examine how these components can be combined with inter-personal care services.

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.

Outcome of the project is an intelligent light wayguidance system consisting in a variable set of flexible modules that work together with other heterogeneous home automation systems, information and communication systems as seamlessly as possible. The application of this GUIDING LIGHT system will support the spatial-temporal orientation of older people and thus sustain their mobility as long as possible.



PARTNERS

University of Applied Sciences 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

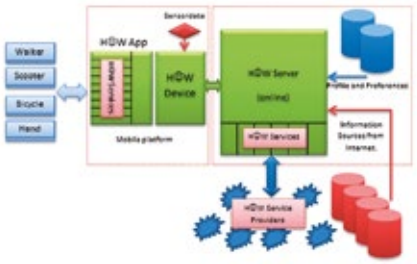
Coordinator:
University of Applied Sciences Vorarlberg
Duration: 36 month
Starting date: 1 May 2012
Total budget: € 2.868.005
Public contribution: € 1.511.400
Contact: Prof. Dr. Guido Kempter
guido.kempter@fhv.at
T: +43 55 727 927 300
Website: http://guiding-light.labs.fhv.at/Site_2/GUIDING_LIGHT.html

HAPPY WALKER

Platform for Stimulation of Physical and Mental Activity of Older Adults

The objective of HAPPY WALKER is to develop an ICT-based solution, specifically targeted to the older adults, that sustain the ability of the elderly people to use different types of transportation and their mobility.

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.. 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	www.verhaert.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

Coordinator:
TNO
Duration: 36 months
Starting date: 1 september 2012
Total budget: € 3.028.000
Public contribution: € 2.063.000
Contact: Dr. I.P. Karkowski, (TNO)
irek.karkowski@tno.nl
T: +31 888 661 102
Website: http://www.aal-europe.eu/projects/happy-walker

IWALKACTIVE

The Active Walker for Active People

IWALKACTIVE creates an active walker for active people. The aim is to offer a highly innovative, attractive, open walker platform that greatly improves the user's mobility in an enjoyable and motivating way, while at the same time enabling physical activities that are either impossible, or very difficult to perform with a traditional rollator. Technically and conceptually, the idea goes beyond that of a conventional walking aid. It takes an innovative walker frame – the Veloped - extends it with an efficient, powerful e-drive and combines it with the possibilities of state of the art ICT technology acting as a mobile device dock connected to valuable navigation and assistance services in the cloud.

The resulting activity platform offers outdoor as well as indoor navigation and orientation services and the assistive features of an all-terrain capable walker with a supportive e-drive. Community services such as the recording and rating of walking routes and an open interface for new walking-tailored Apps - down-loadable over an AppStore based on the UniversAAL uStore - enable the users to enjoy improved mobility, greater access to the outdoors and a motivating, enjoyable way to stay physically active.

IWALKACTIVE won the AAL Award 2012 as the most innovative project of the AAL JP.

PARTNERS

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

Coordinator:
Hochschule Luzern – Technik & Architektur, iHomeLab
Duration: 36 months
Starting date: 15 August 2012
Total budget: € 2.827.000
Public contribution: € 1.482.000
Contact: Andreas Rumsch
Andreas.rumsch@hslu.ch
T: +41 413 493 599
Website: http://www.ihomelab.ch/index.php?id=20

I'CITYFORALL

Age Sensitive ICT Systems for Intelligible City for All

The I'CITYFORALL project aims at enhancing the sense of security and self-confidence of presbycusic people whose hearing degradation increases with age. Two mobility environments are considered: public confined spaces and urban space. The ICT solutions consist of intelligent loudspeakers for better intelligibility of vocal messages in public confined spaces and systems embedded in vehicles for better localization of urban sound alarms like ambulances, police cars, fire trucks, etc., as the presbycusis alters the perception of distance and the direction of sound source.

The targeted population corresponds to people older than 50 years in mobility situations and affected by presbycusis that induces a loss of sense of safety and self-confidence.

The I'CITYFORALL innovations will be tested by using the analysis software developed by the CENTICH and involving 90 users of the targeted population which will be compared to a normal group of population. The results of this assessment will form the basis of a labelling procedure that can be extended to other technological solutions.

Three demonstrators will be presented at the end of the I'CITYFORALL project:

- Assessing Intelligibility product based on the I'CITYFORALL
- Loudspeakers dedicated to large spaces
- Vehicles equipped with automatic real-time presbycusis equalization and alarm localization systems.

PARTNERS

Commissariat à l'Energie Atomique et aux Energies Alternatives	R&D	France	http://www-list.cea.fr
Université Paris Descartes	R&D	France	http://lipade.mi.parisdescartes.fr
Agenzia Nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile	R&D	Italy	http://robotica.casaccia.enea.it
Technische Universität München	R&D	Germany	www.tum.de,
Centro Ricerche FIAT	R&D	Italy	http://www.crf.it
Centre d'Expertise National des Technologies de l'Information et de la Communication pour l'autonomie	End-user	France	http://www.centich.fr
Active Audio	SME	France	http://www.activeaudio.fr
EPFL - Laboratoire d'Électromagnétisme et d'Acoustique	R&D	Switzerland	http://infoscience.epfl.ch

Coordinator:
Commissariat à l'Energie Atomique et aux Energies Alternatives
Duration: 36 Months
Starting date: 1 July 2012
Total budget: € 5.082.399
Public contribution: € 2.409.300
Contact: Sylvie Ghalila
Sylvie.ghalila@cea.fr
T: +33 169 080 232
Website: http://www.icityforall.eu

IMAGO

Image Guided Orientation and Navigation System for Blind and Visually Impaired People

The objective of the IMAGO project is to develop and test a navigation and positioning technology for the blind and visual impaired exceeding the quality, accuracy and applicability of positioning technology based on satellite data. Through this IMAGO technology blind and visual impaired should be able to increase their independence in mobility.

The IMAGO project will deliver a new positioning method filling the satellite gap for pedestrian navigation. This method will be based on video processing, comparing pre-walked and geo-tagged route movie frames to the current recorded scene. An image-based positioning and navigation system will be implemented at the functional prototype level and validated with users. The IMAGO consortium connects partners with specific technological and application domain knowledge. Users from the Netherlands, Germany and Belgium will be involved in the IMAGO project. Users will validate the systems during the various stages of development.

This IMAGO based application will be most likely be a part of the I-Cane product series which apply electronics and tactile communication.

Furthermore the results will be used to explore new options in handling image based medical information.

PARTNERS

I-Cane Social Technology BV	SME	The Netherlands	www.i-cane.org
Applied Biomedical Systems bv	SME	The Netherlands	www.ab-sys.eu
RWTH Aachen, dept medical information UNIKLINIK	R&D	Germany	www.ukaachen.de
Mediafiler	SME	The Netherlands	www.mediafiler.nl
NVBS, Oogvereniging	End-user	The Netherlands	www.oogvereniging.nl
Blindenzorg Licht & Liefde	End-user	Belgium	www.blindenzorglichtenliefde.be

Coordinator:
I-Cane Social Technology BV
Duration: 36 months
Starting date: 1 September 2012
Total budget: € 1.267.571
Public contribution: € 793.668
Contact: Hans Slijp
hans.slijp@i-cane.nl
T: +31 641 182 393
Website: www.aal-imago.eu

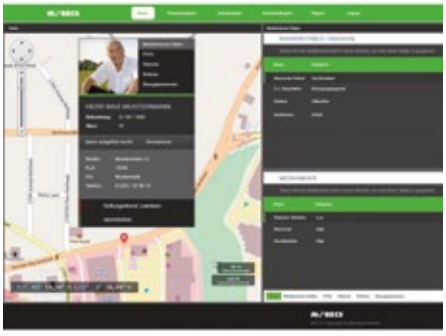
MOBECS

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

MOBECS aims to enable and preserve the independence and mobility of older people via the development of small, non-stigmatizing, easy-to-use, re-configurable and scalable stand-alone wearable emergency call and service systems. Tracking and localization of a user, navigation, manual and automated alarm generation, voice control etc. are features to be integrated in close cooperation with the three defined end-user groups. The devices will be interoperable with a MOBECS service platform, existing smart-phones and domestic emergency call systems.

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.

A transfer of the project results into other user segments is foreseen, while strengthening the project partners in the field of access service and user interfaces, communication infrastructure, end device manufacturing, prototyping and software development.



PARTNERS

Fraunhofer Gesellschaft zur Förderung der angwandten Forschung e.V.	R&D	Germany	http://www.idmt.fraunhofer.de
ILPER Elektronik GmbH	SME	Germany	http://www.ilper.net
BeeWare GmbH	SME	Germany	http://www.beeware.de
IP Communications GmbH	SME	Austria	http://www.ahooly.com
Johanniter Unfallhilfe e.V.	End-user	Germany	http://www.johanniter.de
Sonnweid AG	End-user	Switzerland	http://www.sonnweid.ch

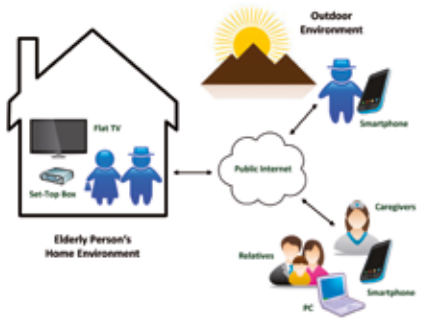
Coordinator:
Fraunhofer Gesellschaft zur Förderung der angwandten Forschung e.V.
Duration: 36 Months
Starting date: 1 July 2012
Total budget: € 3.132.431
Public contribution: € 1.989.650
Contact: Prof. Dr.-Ing. Frank Wallhoff
Frank.Wallhoff@idmt.fraunhofer.de
T: +49 4 412 172 432
Website: www.mobecs.eu

MOBILE.OLD

Residential & Outdoor Services Advancing the Mobility of Older Persons

The MOBILE.OLD project aims to provide a combined smartphone and TV-based service infrastructure with residential and outdoor services that will be delivered in a highly personalized and intuitive way and will **advance the mobility of older persons**.

MOBILE.OLD uses an Internet-enabled TV and/or a Set-Top-Box solution, which will be the main user interface for the older persons, providing multimodal web-based user interfaces using the remote control for service navigation and advanced Text-To-Speech (TTS) solutions for audio announcements. Also a smartphone-solution using Android operating system, allowing on one hand for accessing the MOBILE.OLD services outside the home environment and on the other hand for offering advanced geofencing services will be used. The MOBILE.OLD services will be offered through the TV-Set over the public Internet or a smartphone by accessing the MOBILE.OLD Application Server.



PARTNERS

LIFEtool gemeinnuetzige GmbH	End-user	Austria	www.lifetool.at
National Foundation for the Elderly	End-user	The Netherlands	www.ouderenfonds.nl
Madrid Health and Wellbeing Cluster	End-user	Spain	www.madridnetwork.org/red/salud
Ana Aslan International Foundation	End-user	Romania	www.brainaging.ro
SIEMENS SRL	R&D	Romania	www.siemens.com
SEPROTRONIC GmbH	R&D	Germany	www.seprotronic.com
SAFEVIEW	R&D	Spain	www.safeviewtv.es
BLUE POINT IT SOLUTIONS	R&D	Romania	www.bluepoint-it.ro
AdvTec Ltd.	Large enterprise	United Kingdom	www.advtec.co.uk
Upper Austria University of Applied Sciences	R&D	Austria	www.fh-ooe.at

Coordinator:
LIFEtool gemeinnuetzige GmbH
Duration: 24 months
Starting date: 1 June 2012
Total budget: € 2.497.725
Public contribution: € 1.471.220
Contact: Isabel Karlhuber
isabel.karlhuber@lifetool.at
T: +43 732 997 056 - 5212
Website: http://www.mobiledotold.eu

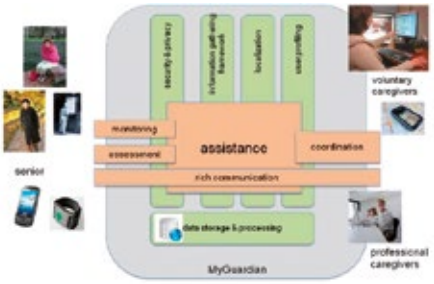
MYGUARDIAN

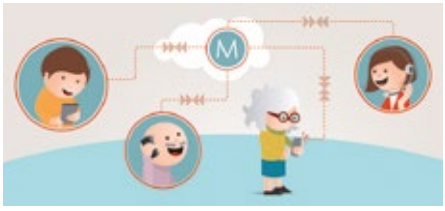
A Pervasive Guardian for Elderly with Mild Cognitive Impairments

The MYGUARDIAN project aims to facilitate safe and secure mobility of seniors with mild cognitive impairments while preserving their autonomy and dignity, and thereby enable seniors to increase their mobility (while increasing their self-confidence) and consequently to take part in the self-serve society.

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.

The projected time-to-market will be 1-2 years. The service fits both the aging, self-serve society trends, and the trend of wide availability of mobile computing and ubiquitous communication technologies.





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

Coordinator:
HI-IBERIA Ingeniería y Proyectos SL
Duration: 36 Months
Starting date: 1 May 2012
Total budget: € 2.287.932
Public contribution: € 1.394.827
Contact: Inmaculada Luengo
iluengo@hi-iberia.es
T: +34 914 589 823
Website: www.myguardian-project.eu

NAVMEM

Navigation Support for Older Travellers with Memory Decline

The aim of the project NAVMEM is the development of a mobile companion for people with memory decline in order to support their navigation and orientation and at the same time promote a feeling of safety.

The main scenario focuses on supporting people when visiting unfamiliar environments, such as travelling within unknown areas of a city. The navigation companion provides three different modes: (1) Background mode: the system provides coarse multimodal spatial cues, such as direction and distance to the next intermediate goal, such as a bus stop. (2) Navigation mode: the system will provide detailed navigation instructions that are tied to landmarks. (3) Safety line: In case the user is not able to overcome disorientation, the system can temporarily share the user's location on demand to (informal) care givers to get personal support.

About 25% of people above 65 years develop some form of cognitive impairment. With about 29% of the EU's population being above 65 years old in 2050. This means that in 2050 that the market will comprise about 30-35 Mio potential users with MCI and more than 120 Mio potential elderly users.

PARTNERS

Offis e.V.	R&D	Germany	http://www.offis.de
Siemens AG	Large enterprise	Germany	http://www.siemens.com
Navevo Limited	SME	United Kingdom	http://www.navevo.com
Swedish Stroke Association	End-user	Sweden	http://www.strokeforbundet.org
ULUND (Lunds universitet)	R&D	Sweden	http://www.certec.lth.se
Astando AB	SME	Sweden	http://www.astando.se
Roessingh Research and Development	SME	The Netherlands	http://www.rrd.nl

Coordinator:
Offis e.V.
Duration: 36 Months
Starting date: 1 October 2012
Total budget: € 1.985.246
Public contribution: € 1.158.336
Contact: Dr. Wilko Heuten
wilko.heuten@offis.de
T: +49 4 419 722 171
Website: www.navmem.eu

safemove

SAFEMOVE

Safe Mobility of Elderly in the Vicinity of their Home and on Journeys

SAFEMOVE aims to encourage self-confidence in their own abilities by providing home-based physical and cognitive training as well as location-based aids during outdoor life activities.

IT training devices will be developed to enhance the fitness of the elderly in an interactive and pleasurable way. From the new training methods, persons with light dementia are supported to find their way outside their home, in public traffic or at social events. They will get help to remember daily life tasks like dressing themselves according to the weather conditions or to take the keys with them when leaving the house.

Caregivers will have the opportunity to detect the health condition of their clients remotely and could support them in keeping them healthy and mobile.

PARTNERS

Megatel Informations – und Kommunikationssysteme GmbH	Large enterprise	Germany	www.megatel.de
Neusta Mobile Solutions GmbH	SME	Germany	www.neusta-ms.de
InfoConsult GmbH	SME	Germany	www.infoconsult.nu
Volkshilfe Oberösterreich	End-user	Austria	www.volkshilfe-ooe.at
Universität Bern	R&D	Switzerland	www.unibe.ch
e-learning Studios	SME	United Kingdom	www.elearningstudios.com
Netural Communication	SME	Austria	www.netural.com
e-learning knowledge Solutions LTD	SME	Israel	www.e-learning.co.il

Coordinator:
Megatel Informations –
und Kommunikationssysteme GmbH
Duration: 36 months
Starting date: 1 July 2012
Total budget: € 2.169.940
Public contribution: € 1.160.221
Contact: Dr. Peter Knackfuß
peter.knackfuss@infoconsult.net
T: +49 4 213 306 480
Website: http://www.safemove-project.eu

T&Tnet
Travel & Transport solutions through emotional-social NETworking

T&TNET

Travel & Transport Solutions through Emotional-Social NETworking

The idea of **T&TNET** is to **provide personalised context-based multimodal and multinational social journey planning with affective capabilities** and **an easy to follow adaptive real time guidance making use of artificial reasoning based on an information manager** (filtering and combining). This solution allows them to carry out and solve movement tasks and problems independently. T&TNET offers **navigation/orientation** adapted to the **user preferences** in real time which makes use of **transport information** (schedule, delay, occupation …), **emotions, social** networks and a **collaborative evolutionary platform**.

The **T&TNET** project uses 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 – Ingeniería y Soluciones Informáticas S.L.	SME	Spain	www.isoin.es
TELLU AS	SME	Norway	http://tellu.no
Center for Usability Research and Engineering	R&D	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	R&D	Spain	http://www.ita.es/ita
Santer Reply SPA	Large enterprise	Italy	http://www.reply.eu
Seniornett Norge	End-user	Norway	http://www.seniornett.no
Zaragoza City Council	End-user	Spain	http://www.zaragoza.es
AP-HP/ Hôpital Broca	End-user	France	http://www.aphp.fr

Coordinator:
ISOIN – Ingeniería y Soluciones Informáticas S.L.
Duration: 30 months
Starting date: 1 July 2012
Total budget: € 3.170.229
Public contribution: € 1.577.076
Contact: Mr. Victor Sanchez,
vsanchez@isoin.es
T: +34 954 219 013
Website: http://ttnet-aal.eu

VIRGILIUS

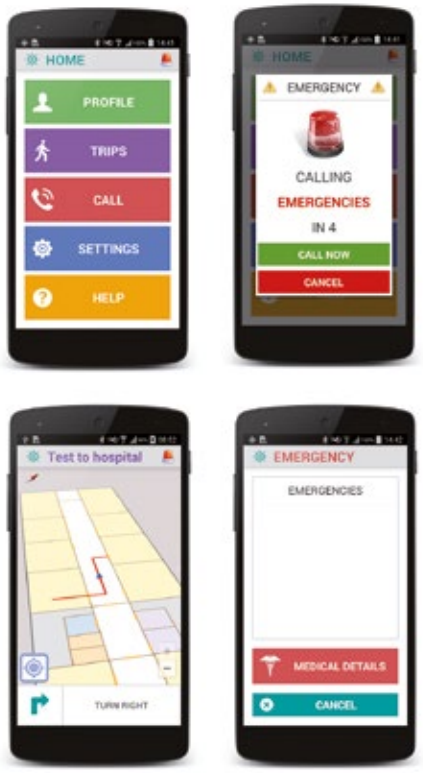
A Guide to Elders' Well Being

The goal of VIRGILIUS is to provide a seamless transnational out- and indoor location and navigation service to elders, integrated with a set of a value added services centred on the person, with the aim to support his/her well-being while on the move.
The system/service will be applicable to different life situations as well as adaptable to different users needs and requirement depending on capabilities, attitude, country of origin and of destination and education.

VIRGILIUS project will implement a system which will provide services to be tested in the following scenarios:

- Hospital orientation
- Travel support-pedestrian guide

In particular, the developed services and products will be used by older adults, which travel without family or caregiver, in order to benefit of a virtual guide inside the Romanian Museum (ticket office, exits, toilet, a guide to the museum) and, if case, to send alarms to the family. Also, the family can check on a virtual platform the location of the elder.



PARTNERS

Telespazio S.p.A	Large enterprise	Italy	www.telespazio.com
Rartel	Large enterprise	Romania	www.rartel.com
ArxIT SA consulting	SME	Switzerland	www.arxit.com
National Philatelic Museum	End-user	Romania	www.muzeulfilatelic.ro
University of Geneva	R&D	Switzerland	www.unige.com

Coordinator:
Telespazio S.p.A
Duration: 30 months
Starting date: 1 June 2012
Total budget: € 3.212.863,90
Public contribution: € 1.594.043
Contact: Pierpaolo Pilloni
Pierpaolo.pilloni@telespazio.com
T: +39 0 640 796 310
Website: www.virgilius.eu

CALL 5

ICT-based Solutions for (Self-) Management of Daily Life Activities of Older Adults at Home

AMBIENT ASSISTED LIVING
JOINT PROGRAMME

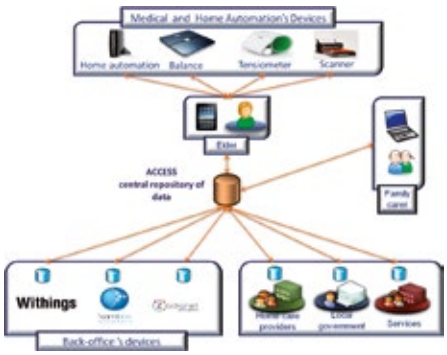
ACCESS

Assisting Carers for Cooperative Services to Seniors

The project consists in a software platform connecting seniors, carers and relatives by a computer, smartphone or tablet. The system will allow the management of visits, calls, and daily life activities. On top of that, it will remind seniors things to do (i.e. take the pills, do exercises, etc), allow the exchange of messages, documents, and give access to proxy services (transportation, shopping, etc). In addition, the platform will be linked to sensors and medical equipments (weight, blood pressure, etc.) alerting carers in case of problem.

This system will provide a centralization of information on user's and allow easy and permanent information sharing between stakeholders. New software to interface different supports (tablet, medical equipment, platform…) will be developed.

The project will be developed in three countries: France, Italy and Belgium, each one in a specific way according to the demand and context, providing an adaptable panel of services. 200 elders and carers will be involved in the development and the experimentation of the solution.



PARTNERS

CEV – Groupe Chèque Déjeuner	SME	France	http://www.cev-solutions.com
LifeResult	SME	Italy	http://www.eresult.it
APOLOGIC	SME	France	http://www.apologic.fr
Centro Regionale Alzheimer Policlinico Universitario di Roma Tor Vergata	R&D	Italy	http://www.ptvonline.it/crr_alzheimer.asp
ADESSA A DOMICILE	End-user	France	http://adessadomicile.org
FAMILIEHULP	End-user	Belgium	http://www.familiehulp.be/home

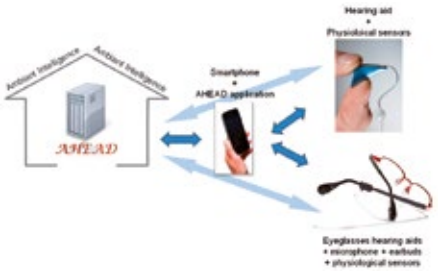
Coordinator:
CEV – Groupe Chèque Déjeuner
Duration: 30 months
Starting date: 1 September 2013
Total budget: € 3.792.383
Public contribution: € 1.938.736
Contact: Hervé Jean
T: +33 233 776 500
Website: http://www.aal-europe.eu/projects/access/

AHEAD

Augmented Hearing Experience and Assistance for Daily Life

The project aims at integrating miniaturized physiological sensors into hearing glasses device with ambient sensors in order to gather ambient and physiological data and transform them into relevant information through the implementation of specific algorithms. This information will be used for providing customized services to end-users for improving daily quality of life, tele-recalibration of hearing devices as well monitoring physical conditions.

To achieve the best results within the AHEAD project end-users will be involved into the development process right from the beginning to guarantee maximum usability, perceived usefulness, acceptance and accessibility of the proposed AHEAD system. The consortium is ensuring their involvement from the very beginning of the project based on the user-centred design approach (UCD). End user involvement in the pilots allows us to assess the benefit of the proposed solution.



PARTNERS

Atos	Large enterprise	Spain	www.atosresearch.eu
Tecnalia	R&D	Spain	www.tecnalia.com
Innovationsmanufaktur	SME	Germany	www.holistic-innovation.org
Center for Usability Research and Engineering	R&D	Austria	http://www.cure.at
Johanniter	End-user	Austria	www.johanniter.at
Cosinuss	SME	Germany	www.cosinuss.com
AuditData	SME	Denmark	www.auditdata.com
Bruckhoff	SME	Germany	www.bruckhoff.com/en/start
Forschungszentrum Informatik an der Universität Karlsruhe	R&D	Germany	www.fzi.de/en

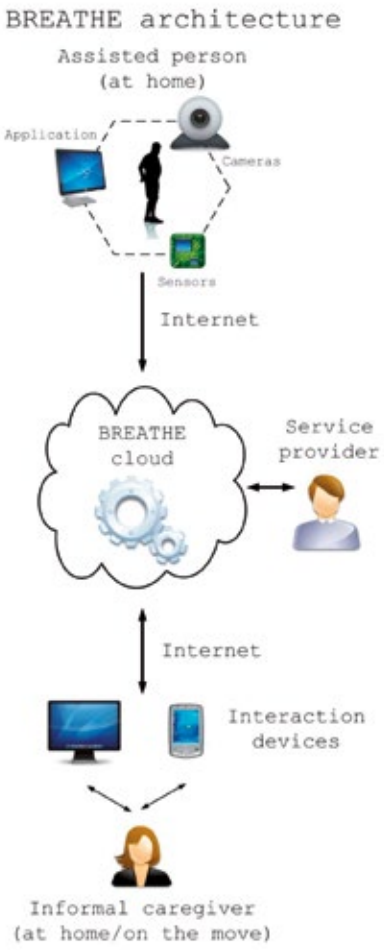
Coordinator:
Atos
Duration: 36 months
Starting date: 1 July 2013
Total budget: € 3.843.436
Public contribution: € 2.096.609
Contact: Manuel Marcelino Perez Perez
manuel.perez@atos,net
T: +34 912 148 044
Website: www.ahead-project.eu

BREATHE

Platform for Self-Assessment and Efficient Management for Informal Caregivers

There are a number of problems that informal caregivers nowadays have to face: lack of experience and formal education in care, shortage of tools to manage the whole cycle, stress and depression. This is a well-known problem since family carers provide 80% of long term care in Europe. BREATHE platform will provide an ICT-based solution for the caregiver and the elderly in order to mitigate these problems and impact at three different levels:

- personal, by increasing quality of life and care;
- local and regional, by providing a tool usable by different stakeholders to effectively manage the reality of the informal care as well as by opening opportunities of new business models and employment;
- European, by reducing health system costs as a consequence of an effective management of the informal care. The individual solution is based on a strong server side system that maintains updated models of both caregiver and assisted person and offers strategic support and customized guidance during the whole long-term care process.



PARTNERS

Soluciones Tecnológicas para la Salud y el Bienestar S.A (TSB)	SME	Spain	http://www.tsbtecnologias.es
Kingston University	R&D	United Kingdom	http://www.kingston.ac.uk
Iniciativa Social Integral Per Al Benestar	SME	Spain	http://www.isibenestar.com
Trinity College Dublin	R&D	Ireland	http://www.tcd.ie
ERREMME	SME	Italy	http://www.erremmeweb.it
University of Bath	SME	United Kingdom	http://www.bath.ac.uk/bime
Cybermoor	SME	United Kingdom	http://www.cybermoor.org
Tunstall Emergency Response	SME	Ireland	http://www.emergencyresponse.ie

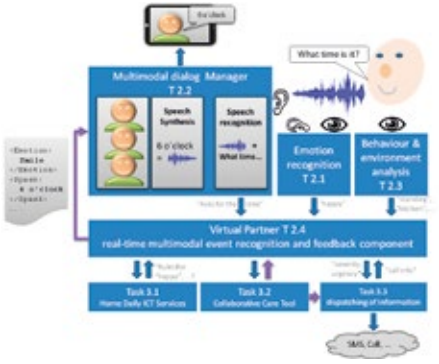
Coordinator:
Soluciones Tecnológicas para la Salud y el Bienestar S.A (TSB)
Duration: 30 months
Starting date: 1 May 2013
Total budget: € 2.051.361
Public contribution: € 1.109.625
Contact: Juan-Pablo Lazaro-Ramos
jplazaro@tsbtecnologias.es
T: +34 961 827 177
Website: http://www.breathe-project.eu

CAMELI

Care Me for Life

The target of CAMELI is to create an ICT based solution for supporting the elderly in his daily in-house activities, minimizing the need for formal and informal carers' interventions.

A coherent user-centric technological solution will be provided based on an **innovative practice-oriented Virtual Partner (ViP) care model** that considers established behavior communication patterns/ways of an older person with a human partner when carrying out daily activities at home. The ViP model will be **combined with state of the art human computer interaction (emotion recognition, intelligent dialogue)** and **user behavior analysis technologies**. Specifically, the interaction with the user will be an **innovative adaptive multi-modal Avatar interface** integrated and operating on a scalable **distributed network of interconnected tablet devices**, with integrated video cameras, installed on selected wall locations in the home of the user. The use of an avatar, instead of a human, has the major advantage that it is less threatening for the privacy and the users do not have the feeling that they are constantly under surveillance by a human (since they can turn it off at any time). Two pilots, in the Netherlands and Switzerland representing the two different use cases, will be carried out. Up to 200 elderly people and their caregivers will use CAMELI over a six month period.



PARTNERS

SIEMENS AG	Large enterprise	Germany	www.siemens.com
University of Geneva	R&D	Switzerland	http://iss.unige.ch
ORBIS Medical & Care Group	End-user	The Netherlands	http://www.orbisconcern.nl
Instituto Pedro Nunes	R&D	Portugal	http://www.ipn.pt
NetUnion SA	SME	Switzerland	http://www.netunion.com
ViVa Association	End-user	Switzerland	http://www.association-viva.org
Noldus Information Technology	SME	The Netherlands	http://www.noldus.com
Citard Services Ltd	SME	Cyprus	http:// www.citard-serv.com

Coordinator:
Siemens AG, Markus Dubielzig
Duration: 24 Month
Starting date: 1 June 2013
Total budget: € 3.455.319
Public contribution: € 1.898.932
Contact: Markus Dubielzig
Markus.dubielzig@Siemens.com
T: +49 5 251 606 145
Website: http://www.cameli.eu

CARE4BALANCE

Care for Balancing Informal Care Delivery through On-Demand and Multi-Stakeholder Service Design

C4B will do on-demand and multi-stakeholder service design based on intelligent dashboard systems representing the status & context of the actors involved. The intelligent dashboard is an always-on interactive device that is easy to use for older adults. The system envisages improved and sustainable care provision by informal caregivers, optimized cooperation with formal caregivers and QoL improvement for the older adult.

The information to feed the status board will be collected both through user-generated input and through automatically collected contextual sensor data. The back end system will detect & analyse care demands and/or cumbersome situations.

Multi-stakeholder design will be based on co-creation methodologies with the different users (elderly, informal and formal caregivers).

Living lab recruitment and testing will be done in three countries: in the Netherlands at the living lab of AMSTA (Amsterdam), in Belgium in the LeyLab living lab of Kortrijk and in France at the residential dwellings already served by Pervaya.

The C4B project will test several business scenarios in order to come up with sustainable models for market introduction after the project finalization in the four involved countries.

PARTNERS

iMinds	R&D	Belgium	www.iminds.be
Televic Healthcare	Large enterprise	Belgium	www.televic-healthcare.com
connectedcare	SME	Netherlands	www.connectedcare.nl
Hogeschool Amsterdam	R&D	Netherlands	www.hva.nl
Van Dorp Zorg en Welzijn	Large enterprise	Netherlands	www.vandorpzorgenwelzijn.nl
AMSTA	End-user	Netherlands	www.amsta.nl
Alcatel-Lucent Bell N.V	Large enterprise	Belgium	www.Alcatel-Lucent.be
Pervaya	SME	France	www.pervaya.com
VigiSense	Large enterprise	Switzerland	www.vigisense.com
Hochschule Luzern – iHomeLab	R&D	Switzerland	www.iHomeLab.ch

Coordinator:
iMinds
Duration: 30 months
Starting date: 1 March 2013
Total budget: € 2.380.199
Public contribution: € 1.532.042
Contact: Ann Ackaert
ann.ackaert@intec.ugent.be
T: +32 473 295 651
Website: www.aal-care4balance.eu

CARER SUPPORT

Integrated Platform for Informal Carers' Training, Tele-consulting and Collaboration.

CarerSupport will integrate, deploy and test an integrated ICT platform enabling the participation and collaboration of informal carers, psychologists and health professionals towards facilitating the training, learning, orientation, tele-consulting and psychological support of the carers. Based on this platform, the project will deploy and offer a wide range of services to informal carers including: Training, learning and orientation programmes; Psychological support services aiming at alleviating the stress of informal carers; Collaboration and tele-consulting services between formal and informal carers.

Aim to improve the informal carers' performance, so boosting the quality of provided care, while alleviating costs associated with the support of the elderly and vulnerable individuals.

PARTNERS

Maggioli Spa – CEDAF Division	Large enterprise	Italy	www.maggioli.it
Lucerne University of Applied Sciences and Arts – Engineering & Architecture, CEESAR- iHome-Lab	R&D	Switzerland	www.ihomelab.ch
BluePoint Consulting	SME	Romania	www.bluepoint-it.ro
UNIVERSITETET I OSLO	End-user	Norway	www.uio.no
Ana Aslan International Foundation	End-user	Romania	www.brainaging.ro
soultank AG	SME	Switzerland	soultank.ch
Kommunesamarbeidet i Vestfold v/ Nøtterøy Kommune	End-user	Norway	www.12k.no
Oslo Kommune	End-user	Norway	www.oslo.kommune.no

Coordinator:
Maggioli Spa
Duration: 30 months
Starting date: 1 May 2014
Total budget: € 2.309.597
Public contribution: € 1.294.642
Contact: Paolo Mattarelli
paolo.mattarelli@maggioli.it
+39 0 543 727 014
Website: www.carersupport.eu *
** operating since September 1, 2014.*

ChefMyself

CHEFMYSELF

Assistance Solution for Improving Cooking Skills and Nutritional Knowledge for Independent Elders

CHEFMYSELF project main goal is to develop a customizable and extensible (ICT) service ecosystem built around an automatic cooking solution to support older people in preparing meals and maintaining healthy eating habits.

- **Target groups:** Independent older people with no severe illnesses or disabilities, but not excluding elderly with some mobility impairments or mild cognitive limitations.
- **Technology to be employed:** The envisioned CHEFMYSELF system can be divided into three main components – Cloud Services, User Interface and Food Processor - each interacting with each over a set of secure, open and standardized interfaces.
- **Pilots:** To perform the usability test the system will be setup and demonstrated by the participating organizations at selected pilot sites (2 sites are foreseen: Italy and The Netherlands).

Business model: that the business strategy should be focused on the elder people collectivities. So strategy will be based on TWO PHASES: 1) Promote the product knowledge and Sales on specialised retailers; 2) (Once the market becomes animated, the consumers talk about this product excellence..., 2) Broad advertisement and sales on the traditional household appliances stores and retailers (Carrefour, Mediamarkt....).

PARTNERS

Fundació Cetemmsa	R&D	Spain	http://www.cetemmsa.com
Istituto Nazionale di Ricovero e Cura per Anziani	End-user	Italy	http://www.inrca.it
POLNE, S.L (Taurus Group)	Large enterprise	Spain	http://www.group-taurus.com
Associação Fraunhofer Portugal Research	R&D	Portugal	http://www.fraunhofer.pt
Unie KBO	End-user	The Netherlands	http://www.uniekbo.nl
ASM Market Research and Analysis Centre Ltd.	SME	Poland	http://www.asm-poland.com.pl/en
ME.TE.DA. s.r.l.	SME	Italy	http://www.meteda.it

Coordinator:
Fundació Cetemmsa
Duration: 24 months
Starting date: 1 June 2013
Total budget: € 1.761.864
Public contribution: € 1.139.323
Contact: Ana Villacampa
avillacampa@cetemmsa.com
T: +34 937 419 100
Website: http://www.chefmyself.eu/

DALIA

Assistant for Daily Life Activities at Home

DALIA (Assistant for Daily Life Activities at Home) will provide an integrated home system that supports older adults as primary end-users, offers support to their informal carers as secondary end-users, and can be extended to interface with services of formal care and medical services. DALIA will hide the technical complexities of the DALIA platform behind a Personal Virtual Assistant (PVA), a human-looking avatar endowed with speech recognition and speech capabilities.

The DALIA Personal Virtual Assistant will be created mainly for smart phones and Smart-TVs based on Android, chosen due to its wide deployment and open platform. Two prototypes including user evaluation will ensure a solution tailor made for the targeted end-users. Evaluation will involve a group of 20 to 30 yet-fit-enough 60+ people provided by the end-user partners.

The old person can talk to the avatar and DALIA can access different sensors to tell the result to the customer to help them, thereby elder people get more independent. Informal carers have access to the same avatar, which can tell them what they have to do in different situations or just to talk with the person cared for.

PARTNERS

Exthex GmbH	SME	Austria	http://www.exthex.com
Virtual Assistant bv	SME	The Netherlands	http://www.virtask.nl
TP Vision Belgium	Large enterprise	Belgium	http://www.tpvision.com
Graz University of Technology	R&D	Austria	http://kti.tugraz.at http://www.iaik.tugraz.at
Lucerne University of Applied Sciences and Arts / iHomeLab	R&D	Switzerland	http://www.ihomelab.ch
Upper Austria University of Applied Sciences / Institute of Applied Health and Social Sciences	R&D	R&D	http://www.fh-linz.at
Volkshilfe Steiermark – gemeinnützige Betriebs GmbH	End-user	Austria	http://www.stmk.volkshilfe.at
terzStiftung	End-user	Switzerland	http://www.terzstiftung.ch
Woonzorg- en dienstencentrum ´t Dijkhuis	End-user	The Netherlands	http://www.hetdijkhuis.nl
Steftung Hellef Doheem	End-user	Luxembourg	http://www.shd.lu

Coordinator:
Exthex GmbH
Duration: 36 months
Starting date: 1 April 2013
Total budget: € 2.840.748
Public contribution: € 1.576.876
Contact: Oliver Bernecker
info@dalia-aal.eu
T: +43 316 269 898-0
Website: http://www.dalia-aal.eu

DIET4ELDERS

Dynamic Nutrition Behaviour Awareness System for the Elders

The DIET4Elders system proposes the development of new older adults diet support service models which bring together the main factors responsible for establishing a long term healthy self-feeding for older adults.

The technology that will be used in the DIET4Elders project will be classified regarding the 3 main pillars of the app. For Data Monitoring and acquisition: RFID, Wireless sensor networks, etc. For Data Analysis: Ontologies, Data Mining, etc. For Older Adults ICT Services: Semantic, SOA, etc.

For a good evaluation of the proposed solution and for understanding the real needs of older adults, DIET4Elders will count with a company that provides food services to older adults in their own homes and also to nursing delivering meals to about 2000 older adults within Galicia region, in the north of Spain.

The results of the project will be a set of tools (hardware and software) to monitor, advise, an provide services in daily activities of self-feeding for the older adults ranging from food delivery to nutrition counselling and guidance.

PARTNERS

ISOIN – Ingeniería y Soluciones Informáticas S.L.	SME	Spain	www.isoin.es
Tunstall Healthcare Ltd.	Business	United Kingdom	http://www.tunstall.co.uk
COESCO DEZA S.L.	End-user	Spain	www.cocinaculinaria.com
Kings College London	R&D	United Kingdom	www.kcl.ac.uk
Technical University of Cluj-Napoca	R&D	Romania	www.utcluj.ro

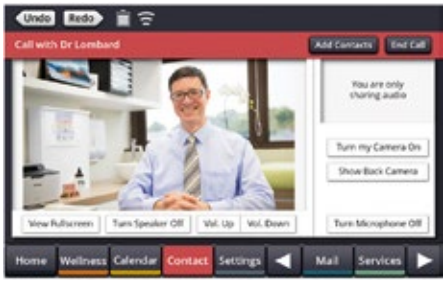
Coordinator:
ISOIN – Ingeniería y Soluciones Informáticas S.L.
Duration: 36 Months
Starting date: July 2013
Total budget: € 2.005.433
Public contribution: € 1.324.701
Contact: Víctor Sánchez
vsanchez@isoin.es
+34 954 219 013
Website: www.diet4elders.eu/en

ECH

eCare@home -Daily Life Management and Monitoring System for Elderly With Mental Disorders

ECARE@HOME builds on an existing cloud-based multi-user system which has been developed in a European research project for the support of older adults ('The Inclusion Society", see http://www.aal-europe.eu/projects/ins/). The core service delivery platform of ECH is the tablet user interface software.

This gives the user access to a broad range application based services which will be created by the ECH project, including IP communication with their clinician. The solution will be tested for usability and acceptance by the end-users in a feasibility trial over 9 months in older adults wth recurrent mood symptomatology who are in treatment at mental health care facility GGZinGeest in Amsterdam.



PARTNERS

Hospital Organiser AS	SME	Norway	http://www.hospitalorganiser.no
The Alloy Ltd,	SME	United Kingdom	http://www.thealloy.com
Vrije Universiteit Amsterdam Faculty of psychology	R&D	The Netherlands	http://www.psy.vu.nl
GGZinGeest, Mental Health Service & Research	End-user	The Netherlands	http://www.ggzingeest.nl

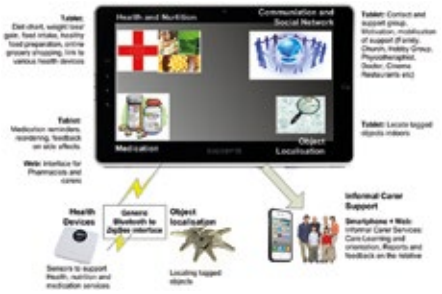
Coordinator:
Hospital Organiser AS
Duration: 30 months
Starting date: 1 February 2013
Total budget: € 2.256.565
Public contribution: € 1.529.745
Contact: Thorhallur Gudmundsson
tg@hospitalorganiser.no
T: +47 91 343 943
Website: www.WellTogether.eu

EDLAH

Enhancing Daily Life and Health through "One Stop Shop" User Interaction

Older people can feel isolated, lonely, disempowered and generally live a demotivated lifestyle. The EDLAH project seeks to address these issues by using accessible technology, giving the older person, as well as their carers both formal and informal; the tools required to improve quality of life, efficiency of support and general well-being.

EDLAH will utilise where possible existing technologies, adapting them as necessary, to be more appropriate to the older person and health care environment. The 'One Stop Shop" concept will bring together key lifestyle elements, medication, nutrition and exercise, object localisation, social communication, health education, efficient reporting etc. These elements will be made available in application format, via the most common media platforms, web, mobile and tablet. Trials will be carried out with residents, families and professionals at the two Care home organisations (KHL and MRPS) partnering in the project. This testing will ensure a product and service that is relevant and operable across the community.



PARTNERS

Karis Group (KG&S)	SME	United Kingdom	www.Karisgroup.com
Everdream Soft	SME	Switzerland	www.everdreamsoft.com
Karis Homes Ltd	End-user	United Kingdom	www.beaumontvillage.co.uk
La Maison de Retraite du Petit-Saconnex	End-user	Switzerland	www.mrps.ch
Pyxima	SME	Belgium	www.pyxima.com
Research Studio Austria	R&D	Austria	www.researchstudio.at
University of Geneva	R&D	Switzerland	www.unige.ch

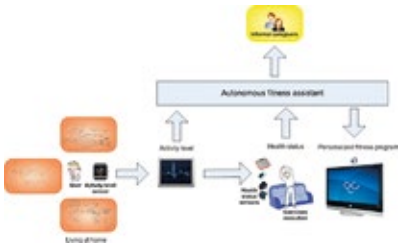
Coordinator:
Karis Group (KG&S)
Duration: 30 months
Starting date: 1 May 2013
Total budget: € 2.821.725
Public contribution: € 1.511.614
Contact: Mike O'Connor
moconnor@karisgroup.com
T: +44 1 962 601 244
Website: www.edlah.eu

ELF@Home

ELF@HOME

Elderly Self-care Based on Self-Check of Health Conditions and Self-Fitness at Home

The proposed service will automatically generate a personalized fitness program based on the health status and the continuous monitoring of activity level of the user. This continuous monitoring will be accomplished by the development of a new wearable activity sensor specially designed for elderly needs. The health status monitoring will be done using biomedical sensors. A TV interface and a computer vision system will be used during fitness sessions to analyse fitness exercises execution. All these components will be connected to a service platform implementing the intelligence needed. The system will be tested by two groups of users: users who will be supervised by professional gerontologists, and elderly people living in spare areas and with no previous experiences with elderly fitness. The first group will allow the validation of the proposed system in comparison with the current approaches. The second group will validate technology deployment and usability in an important potential market.



PARTNERS

Fundación CTIC - Centro Tecnológico	R&D	Spain	http://www.fundacionctic.org
Izertis	SME	Spain	http://www.izertis.com
Sociedad Gerontológica y Geriátrica del Principado de Asturias	End-user	Spain	
Umeå University	R&D	Sweden	http://www.informatik.umu.se
Explizit AB	SME	Sweden	http://www.explizit.se http://www.checkup.se
Skellefteå Kommun	End-user	Sweden	http://www.skelleftea.se
Franhofer Institute of Integrated Circuits	R&D	Germany	http://www.iis.fraunhofer.de/med
Innovationsmanufaktur GmbH	SME	Germany	http://www.innovationsmanufaktur.com
2D Debus & Diebold Meßsysteme GmbH	SME	Germany	http://2d-datarecording.com

Coordinator:
Fundación CTIC - Centro Tecnológico
Duration: 36 months
Starting date: 1 June 2013
Total budget: € 2.604.926
Public contribution: € 1.437.492
Contact: Víctor Peláez
victor.pelaez@fundacionctic.org
T: +34 984 291 212
Website: http://www.elfathome.eu/

GeTVivid
Let's do things together

GETVIVID

Let's Do Things Together

Equipping an older adult's home with different technologies is not the solution to create a perfect home environment but already available technologies hold the ability to make a useful contribution. The TV as an integral part of peoples' everyday life can be found in many homes and is therefore one of the most widespread and familiar devices that influences people lives. While in former days the TV has been mainly used to retrieve news and as a medium for entertainment, Internet access has promoted the development of interactive TV.

GETVIVID aims at supporting older adults with mild impairments to manage their daily activities in their home and aims at improving the quality of life, autonomy and participation in social life.

The overall goal is to design for "natural" and easy-to-learn interactions that will lower cognitive demands and allow older persons to keep regular contact with people. Therefore, a platform connecting TV devices will be developed based on the HbbTV standard and complemented with a mobile second screen.

The access will be on-demand either by changing to a specific channel, pressing a button on the remote control or touching a button on the mobile frontend. By applying user-centered design the users and their activities, goals and characteristics are placed in the center of the development process, i.e. the specification of potential services will be explored within this project together with them.

PARTNERS

Paris-Lodron University of Salzburg	R&D	Austria	icts.uni-salzburg.at
University of St. Gallen	R&D	Switzerland	www.iwi.unisg.ch
CURAVIVA Verband Heime und Institutionen Schweiz	End-user	Switzerland	www.curaviva.ch
Institut fuer Rundfunktechnik GmbH	SME	Germany	www.irt.de/en
Hövener & Trapp Evision GmbH	SME	Germany	www.evision.de
ISOIN – Ingeniería y Soluciones Informáticas S.L.	SME	Spain	www.isoin.es
Verein für Menschen mit Körperbehinderung Nürnberg e.V.	End-user	Germany	www.behinderte-nuernberg.de
EURAG Österreich	End-user	Austria	www.eurag.at

Coordinator:
Paris Lodron University of Salzburg
Duration: 36 Month
Starting date: 1 July 2013
Total budget: € 3.334.052
Public contribution: € 2.175.348
Contact: Univ.Prof. Dr. Manfred Tscheligi
manfred.tscheligi@sbg.ac.at
T: +43 66 280 444 811
Website: http://getvivid.eu/

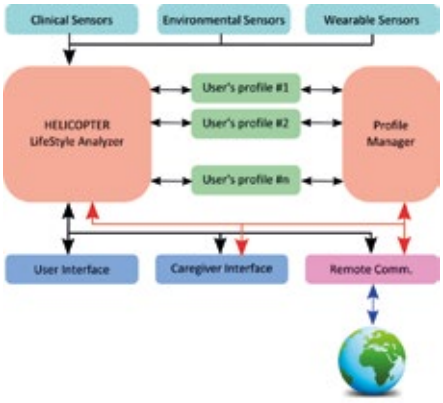
HELICOPTER

Healthy Life Support through Comprehensive Tracking of Individual and Environmental Behaviors

The HELICOPTER proposal aims at exploiting ambient-assisted living techniques to provide older adults and their informal caregivers with support, motivation and guidance in pursuing a healthy and safe lifestyle. The proposal is targeted at 65+ adults, not suffering from major chronic diseases or severe disabilities, yet possibly being affected by (or being at risk of) metabolic or circulatory malfunctioning (e.g., hypertension, mild diabetes) or by mild cognitive deficits. Behavioural analysis is exploited to make health monitoring more effective and less invasive.

HELICOPTER aims at inferring end-users' healthiness in an unobtrusive and simple way, through monitoring of daily life behaviours and will support end-user and their caregivers with feedback, advice, and motivation. The system will gather data coming from a heterogeneous set of (mostly off-the-shelf) devices, including medical, environmental and wearable sensors, to provide a qualitative and quantitative assessment of the activities carried out.

This would make the health monitoring routine much less boring and demanding, possibly leading to reduce the need of frequent checking of clinical parameters and enable several services, fostering user's awareness and motivation and providing the caregiver with insights, alarms and reports.



PARTNERS

Me.Te.Da. S.r.l.	SME	Italy	http://www.meteda.it
Università degli Studi di Parma	R&D	Italy	http://www.unipr.it
SC Vision Systems SRL	SME	Romania	http://www.vision-systems.ro
University of Skövde	R&D	Sweden	http://www.his.se
Laboratorio delle Idee S.r.l.	SME	Italy	http://www.labidee.com
Municipality of Skövde	End-user	Sweden	http://www.skovde.se
Copenhagen Institute of Interaction Design	SME	Denmark	http://ciid.dk
Coöperatie Slimmer Leven 2020	End-user	The Netherland	http://www.slimmerleven2020.org
International Business School, Jönköping University	R&D	Sweden	http://hj.se/jibs

Coordinator:
Me.Te.Da. S.r.l.
Duration: 36 months
Starting date: 1 July 2013
Total budget: € 2.880.010
Public contribution: € 1.655.905
Contact: Sandro Girolami
sandro.girolami@meteda.it
T: +39 3 473 572 118
Website: http://www.aal-europe.eu/projects/helicopter/

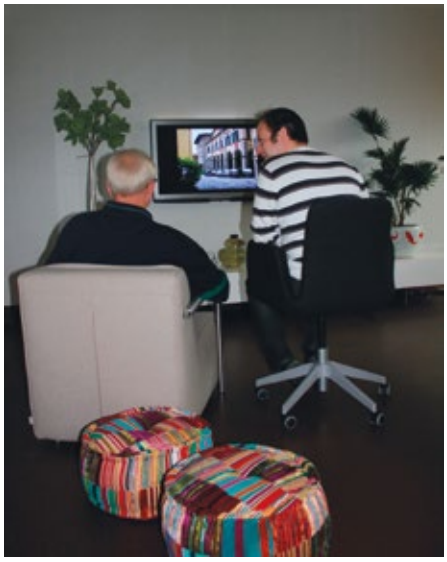
HEREIAM

An Interoperable Platform for Self Care, Social Networking and Managing of Daily Activities at Home

This ICT solution consists of an open, modular and interoperable platform that, taking into account the specific needs and preferences of the seionrs, allows them to access a number of services and information directly from their own TV. The choice of a TV-based system ensures full participation and high user acceptance, overcoming the refuse of technology for digital divide affecting most of the aged people.

The TV-based HEREIAM platform represents a good solution to overcome the older adults traditional digital divide to use ICT systems. The older adults will be able to use services such as shopping, social networking, fitness, wellness tutorial, self and health care, as simply as if they are watching their television. Being able to connect a large part of the population with different service providers, the platform developed by HEREIAM offers the opportunity to start a virtuous circle in which the portfolio of services becomes larger and larger and the interest of people increases as a consequence.

The system will be tested on the field in three different EU countries (Belgium, The Netherlands and Italy) to confirm that it meets the final users needs in terms of usability, acceptance, functionality and accessibility.



PARTNERS

Università degli Studi di Cagliari	R&D	Italy	http://eolab.diee.unica.it
Dedalus SpA	Large enterprise	Italy	www.dedalus.eu
Remedus BVBA	End-user	Belgium	www.remedus.be
TeamNet International SA	Large enterprise	Romania	www.teamnet.ro
Kritayuga GCV	SME	Belgium	
Skylogic SpA	Large enterprise	Italy	www.skylogic.com
Stichting Smart Homes	SME	The Netherlands	www.smart-homes.nl
KempenLIFE UA	End-user	The Netherlands	
Comune di Cagliari	End-user	Italy	http://www.comune.cagliari.it

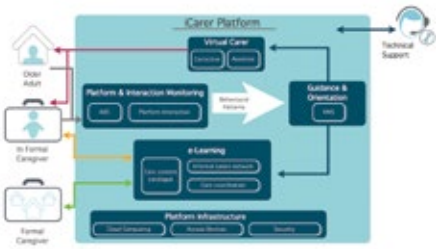
Coordinator:
Università degli Studi di Cagliari
Duration: 36 months
Starting date: 1 July 2013
Total budget: € 3.343.766
Public contribution: € 1.742.093
Contact: Prof. Luigi Raffo, PhD
raffo@unica.it luigi@ieee.org
T: +39 0 706 755 765
Website: www.hereiamproject.org

ICARER

Intelligent Care Guidance and Learning Services Platform for Informal Carers of the Elderly

The ICARER project will work with end user organisations involved in supporting the informal care of elderly adults in the UK and Slovenia to deliver interoperable solutions providing a holistic cloud-based care support service. This will include Tunstall's lifestyle monitoring services (ADLife), enhanced to provide informal carers with the information required to support them in their care duties. Additional services include a personalized support and training program based on e-Learning methods, assistance mechanisms for the caregiver and monitoring and assistance services for the person being cared for. These services combine in order to achieve an overall feeling of safety and a substantial stress reduction for the caregiver. Because they are integrated into a holistic solution, ICARER shows significant benefits compared to existing, isolated assistance services.

ICARER will provide e-Learning services and an informal carers' learning network. As a result, caregivers will be able to expand their knowledge, supported by the experience provided by expert counsellors and fellow carers



PARTNERS

Tunstall Healthcare	Large enterprise	United Kingdom	www.tunstall.co.uk
Universidad Politécnica de Madrid	R&D	Spain	http://www.gbt.tfo.upm.es
S3 Group	SME	Ireland	http://www.s3group.com
Nottingham Trent University	R&D	United Kingdom	www.ntu.ac.uk
Pyxima	SME	Belgium	http://www.pyxima.com
Spanish National Institute of Health	R&D	Spain	http://www.isciii.es
Nottingham City Council Telecare Service	End-user	United Kingdom	http://www.nottinghamcity.gov.uk/telecare
Federation of Pensioners' Organization of Slovenia	End-user	Slovenia	www.zdus-zveza.si

Coordinator:
Tunstall Healthcare
Duration: 36 months
Starting date: July 2013
Total budget: € 2.029.785,84
Public contribution: € 1.194.666
Contact: Jim Charvill
Jim.Charvill@tunstall.com
T: +44 1 977 661 234
Website: http://icarer-project.azurewebsites.net/

INSPIRATION

A Digital Coach to Increase Healthiness of Older Adults

The goal of INSPIRATION is it to help older adults living a healthier life to stay mentally and physically fit. Our digital coach will motivate them to be active – every day!

INSPIRATION provides health tips and motivates to perform recurring movement exercises. A daily planner schedules activities and also integrates health tips into shopping lists. Activities are recorded and displayed in a health agenda, where reading rights can be granted to relatives, friends and caregivers. Pressing the done button and the awareness of the performed activities become the main motivators.

End-users will be involved in Switzerland and Belgium through our local consortium partners terzStiftung and Alternatif VZW.

In this process, special care is given to a unified and intuitive user interface (UI) that appeals to people who are not familiar with technology. It also provides them the functionality, which is relevant in their current context (context-sensitive UI).

The project develops complex, distributed and connected software components running as apps on the mobile phone and as high level enterprise applications on the services servers.

INSPIRATION will deliver a comprehensive working prototype for mobile applications, which will be validated with end-users in Switzerland and Belgium.

PARTNERS

YouPers AG	SME	Switzerland	www.youpers.ch
CREAGY AG	SME	Switzerland	www.creagy.ch
Romus AG	SME	Switzerland	www.romus.ch
Lucerne University of Applied Sciences and Arts – Engineering & Architecture CEESAR - iHomeLab	R&D	Switzerland	www.iHomeLab.ch
terzStiftung	End-user	Switzerland	www.terzstiftung.ch
u-sentric	SME	Belgium	www.u-sentric.com
Alternatif VZW	End-user	Belgium	www.alternatiefvzw.be

Coordinator:
YouPers AG
Duration: 36 months
Starting date: 1 August 2013
Total budget: € 2.749.960
Public contribution: € 1.457.480
Contact: Urs Baumeler
urs.baumeler@youpers.com
T: +41 794 797 256
Website: www.youpers.ch/en

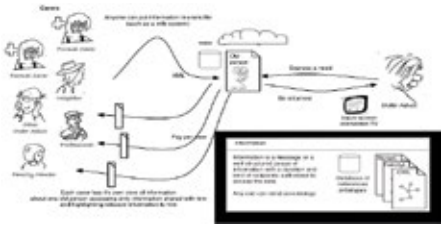
MEDiATE

MEDIATE

Collaborative and Intermediating Colution for Managing Daily Activities for The Elderly at Home

MEDIATE objective is to design, build and experiment a multi-stakeholder communication and organizational solution, providing a service environment in support of the elderly's care-givers and more broadly of all functional needs taking place within their social environment that has to be facilitated and coordinated. MEDIATE focuses on the role of and support given to the informal network, aiming at enhancing the capacities of each ones of its members, regarding their possible complementary role with the elderly's formal network, or the emergence of new services they can bring up.

MEDIATE will produce an ICT based solution that will support the elderly's informal network, for direct social communications and service coordination between the elderly and their network, and also between the informal and the formal network, providing the existing platforms and caring configurations with an additional layer of capabilities (software middleware solution). Autonomy at home, when still possible and acceptable for the elderly and even considering different profiles and deficits, is reinforced making MEDIATE an overall capacity building framework.



PARTNERS

Public Research Centre Henri TUDOR	R&D	Luxembourg	www.tudor.lu
Ecole Polytechnique Fédérale de Lausanne	R&D	Switzerland	www.epfl.ch
Camera Contact	SME	France	http://camera-contact.com/offre.html
Fondation Suisse pour les Téléthèses	End-user	Switzerland	http://www.fst.ch/fr.html
Pôle de Gérontologie Interrégional Bourgogne Franche-Comté	End-user	France	http://www.pole-gerontologie.fr
SIVECO	Large entreprise	Romania	http://www.siveco.ro/en
G4S Security Solutions S.à.r.l.	Large entreprise	France	http://www.g4s.lu/fr-LU
EGLU	SME	Danemark	http://www.eglu.net
Dessine-Moi Mon Répit	End-user	France	http://www.dmmr.fr

Coordinator:
Public Research Centre Henri TUDOR
Duration: 24 months
Starting date: 1 June 2013
Total budget: € 2.799.694
Public contribution: € 1.497.010
Contact: Dr. Djamel Khadraoui
djamel.khadraoui@tudor.lu
T: +352 4 259 912 286
Website: www.mediate-aal.eu

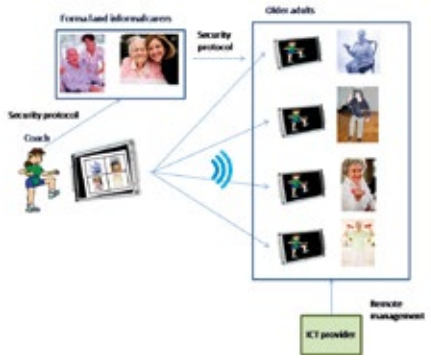
MOTION

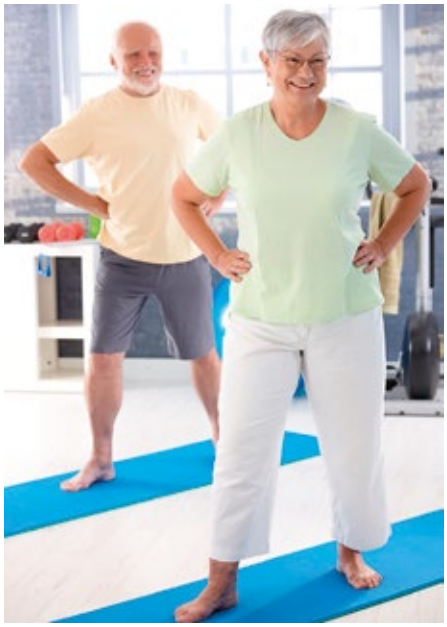
Remote Home Physical Training for Seniors

The innovative ICT platform and tools developed in tight collaboration with end-users (older adults, formal and informal carers) will enable the simultaneous training of at least 4 older adults with similar needs.

The MOTION environment will feature specific ergonomic interfaces and tools both for the coach, to allow simultaneous and safe management of users and for the end-user, to facilitate the usage and minimise ICT maintenance needs. The participation of specialists in physical training for older adults and of end-users both as consortium partners in the definition of user requirements and through a large pilot assessment in two different countries will ensure that the service is completely adapted to the end-users' logic and ensure its acceptance. The direct result of the MOTION project will be the overall MOTION service supported through a dedicated ICT platform. Ideally the consortium wishes to commercialize the service within a few months after the project.

Furthermore, MOTION is expected to have a substantial impact on public health and associated costs. Physical activities allow the older adults to stay at home longer and thereby substantially decreased costs for assistance.





PARTNERS

Siel Bleu	End-user	France	www.sielbleu.org
NEOLINKS S.A.R.L.	SME	France	www.neolinks.com
COMETE	R&D	France	www.unicaen.fr
M3 Connect GmbH	SME	Germany	www.m3connect.de
CUP 2000 S.p.A	Large enterprise	Italy	www.cup2000.it
CRP Henri Tudor	R&D	Luxembourg	www.tudor.lu
SCHULTHESS KLINIK	R&D	Swiss	www.schulthess-klinik.ch
University Bologna	R&D	Italy	www.unibo.it/it
Arx iT SA	SME	Swiss	www.arxit.com

Coordinator:
Siel Bleu
Duration: 36 months
Starting date: 1 September 2013
Total budget: € 4.343.372
Public contribution: € 2.468.700
Contact: Jean-Pierre Savary
jeanpierre.savary@sielbleu.org
T: +33 146 620 073
Website: http://www.aal-europe.eu/projects/motion/

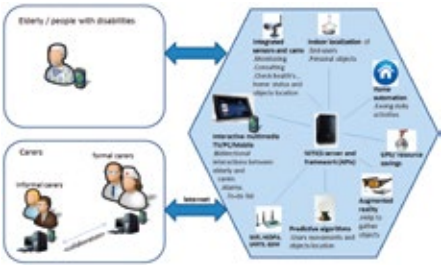
NITICS

Networked Infrastructure for Innovative Home Care Solutions

The NITICS project will build a flexible platform that will rely on a set of basic and task oriented services: localization of personal objects (keys, glasses, mobile); localization and movement pattern analysis of elderly and disabled people inside their homes - which, integrated with body sensors and environmental captors will support end-users as well as caregivers, family members, and others involved in assisting the person; a multimedia bi-directional platform (TV/PC/Smartphone) to ease, stimulate and support daily activities; augmented-reality system to assist users in finding the objects.

NITICS will enable disabled persons to create, participate and continue their social activities not only via an Internet connection but also by using localization technology inside their homes, supporting an active social life. The localization technology is not only used to track and trace the assisted individual, nor just to gather objects' and predict their position, but also to detect unpredicted or abnormal behaviour, lack of movement or erratic behaviour, and to trigger actions by care providers in case of need.

Such a system will help carers to intervene only in case of need, in a timely manner and provide the needed help, taking into account the preferences of care providers as well as family and end-users. The NITICS framework will provide major benefits to the end-users but will also provide benefits to caretakers and people directly involved in the care value chain.



PARTNERS

ECLEXYS SAGL	SME	Switzerland	http://www.eclexys.com
SSW, Knowledge Society Association	End-user	Poland	http://www.ssw.org.pl
CITST	End-user	Romania	http://www.citst.ro
Warsaw University of Technology	R&D	Poland	http://www.ire.pw.edu.pl
Siemens	Large enterprise	Romania	http://www.siemens.com
MKS Electronic Systems Ltd.	End-user	Slovenia	http://www.mks.si
Camera-Contact	SME	France	http://www.camera-contact.com
SAPHYRION Sagl	R&D	Switzerland	http://www.saphyrion.ch
Eeleo	SME	France	http://www.eleo.com

Coordinator:
ECLEXYS SAGL
Duration: 27 month
Starting date: 1 May 2013
Total budget: € 4.155.944
Public contribution: € 2.458.145
Contact: Angelo Consoli
T: +41 916 000 000
Website: www.aal-europe.eu/projects/nitics

PIA

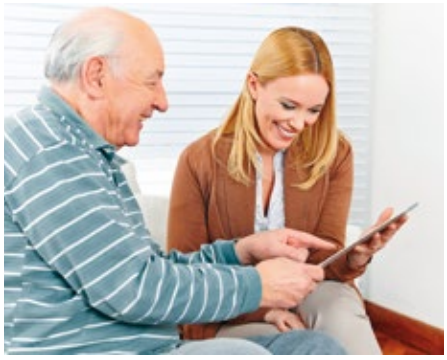
Personal IADL Assistant

Older persons wish to live independently in their homes and to perform daily activities without relying on or asking for external help. For some, provision of support to Instrumental Activities of Daily Living (IADL) may become a necessity to enable them to adequately cope with daily living.

The PIA system will provide primary end-users with effective IADL support by offering video clips of desired topics of daily living activities on a touch screen-based tablet PC. Sensors are placed in different locations in the primary end-user's home, in order to help the PIA system choose and present locationrelevant video clips.

The video clips can be produced by formal or informal carers, or even be provided by producers of appliances. The PIA system offers video clip templates and practical guidelines to the secondary end-users to facilitate production of the video clips and to integrate basic interactivity in these.

Communication and exchange of ideas, knowledge, experiences, videos etc. between carers is supported by the PIA social network, which is built upon a common user profile system that aut-henticates users across all client applications across the PIA network.



PARTNERS

Karde AS	SME	Norway	www.karde.no
University of Castilla-La Mancha (MAmI Research Lab)	R&D	Spain	
Tellu AS	SME	Norway	www.tellu.no
University of Ulster (Smart Environments Research Group)	R&D	United Kingdom	www.ulster.ac.uk
Accord Group	End-user	United Kingdom	www.accordgroup.org.uk
StickyWorld Ltd.	SME	United Kingdom	www.stickyworld.com
Asker Municipality	End-user	Norway	www.asker.kommune.no
Berliner Institut für Sozialforschung	R&D	Germany	

Coordinator:
Karde AS
Duration: 24 months
Starting date: 1 March 2013
Total budget: € 1.198.878
Public contribution: € 727.657
Contact: Dr. Riitta Hellman
rh@karde.no
T: +47 98 211 200
Website: www.pia-project.org

RELAXEDCARE

Unobtrusive Connection in Care Situations

RELAXEDCARE follows the user-inspired innovation process in combination with ISO 9241 and basis its technological developments on existing AAL middleware platforms that will be adopted and extended. A focus is put on the mathematical models and algorithms for the multi-level behaviour pattern recognition approach including a social activity layer and the development of pervasive user interfaces that are nicely designed and fun to use.

To create a working system, reliability and acceptance are crucial.

Therefore two end user organisations as well as experienced designers and usability experts will include informal caregivers and assisted persons throughout the project in the development process.

Basing RELAXEDCARE on working AAL infrastructure (middleware, components) from research institutions and extending it with innovative products from business orientated companies will put the focus on a solution with high potential to reach the AAL market designed by and with end users, for end-users.

PARTNERS

AIT Austrian Institute of Technology GmbH	R&D	Austria	www.ait.ac.at
Hochschule Luzern Technik & Architektur – iHomeLab	R&D	Switzerland	www.ihomelab.ch
50plus GmbH	End-user	Austria	http://www.50plusgmbh.com
New Design University	R&D	Austria	www.ndu.ac.at
Mobili	SME	Slovenia	http://www.mobili.si
Szenografie	SME	Switzerland	www.szenografie.com
Ibernex	Large enterprise	Spain	http://www.ibernex.es/EN/Index.php
soultank AG	SME	Switzerland	http://soultank.ch
Schweizerisches Rote Kreuz Luzern	End-user	Switzerland	www.srk-luzern.ch

Coordinator:
AIT Austrian Institute of Technology GmbH
Duration: 36 Month
Starting date: 1 May 2013
Total budget: € 3.062.788
Public contribution: € 1.834.357
Contact: Dipl. Ing. Martin Morandell
martin.morandell@ait.ac.at
T: +43 505 504 843
Website: www.relaxedcare.eu

SALIG++

Smart Assisted Living Involving Informal Caregivers

The SALIG++ project offers novel solutions based on ICT-support for self-care by elderly and the bidirectional awareness and interaction between elderly and informal carers in collaboration with formal care in order to promote and prolong the well-being of elderly in living at home. SALIG++ makes it possible for carers to, for example, visit the home of the elderly from a distance and experience it as if they were actually there. The primary benefit is that carers become fully informed about the status of the elderly, her medical status as well as her home and devices (such as stove and faucets).

The expected results is a platform for the delivery of self-care @ home services, as well as for stimulating and supporting daily activities at home by means of technologies that include smart sensing environments integrated with adaptable information system to connect elderly people with informal carers.The market size is approximately 50 million people in need that will grow to about 75 million (2050).

PARTNERS

Stockholm University	R&D	Sweden	www.su.se
Divitel BV	SME	The Netherlands	http://www.divitel.com
Almende BV	SME	The Netherlands	http://www.almende.com
HI Iberia	SME	Spain	http://www.hi-iberia.es
TU Delft	R&D	The Netherlands	http://www.tudelft.nl
Stockholm LänsLandsting	End-user	Sweden	http://www.sll.se
Actimage	SME	Luxembourg	http://www.actimage.fr
PIAP	End-user	Poland	http://www.piap.pl

Coordinator:
Stockholm University
Duration: 36 months
Starting date: 1 June 2013
Total budget: € 4.175.433
Public contribution: € 2.494.421
Contact: Gustaf Juell-Skielse
gjs@dsv.su.se
T: +46 8 161 672
Website: http://salig.eu/aal-europe/

SONOPA

Social Networks for Older Adults to Promote an Active Life

SONOPA will employ a set of available ICT technologies to develop an end-to-end solution for stimulating and supporting activities at home.

SONOPA will achieve its objective through a data collection and fusion structure which merges real measurements of the user's activities in order to encourage activities with their peers. Reminders and recommendations come through personalized easy-to-use wall displays placed at the user's home. Technologies include: (i) measurement systems that monitor and register the activities of the user at home and with their peers, (ii) behaviour modelling and user profiling techniques, delivering a pattern of the user's activities over time by analysing and summarizing the large sensory data and registered logs; and (iii) a user interface providing personalized recommendations and reminders, encouraging activities to the user. End users from 3 countries will be involved in designing and testing Sonopa during the entire project life cycle.

The ideal goal is that the individual end-user will develop an increased personal confidence and competency from using the system and recognize it as a user-friendly and easy-to-use technology device with flexible features.

PARTNERS

Docobo Limited	SME	United Kingdom	www.docobo.co.uk
University of Twente	R&D	The Netherlands	www.utwente.nl/en
Smart Signs	SME	The Netherlands	www.smartsigns.nl/en
University of Deusto	R&D	Spain	www.deusto.es
SpringTechno		Germany	www.springtechno.com
Abotic		Austria	http://abotic.com/en
E-seniors	End-user	France	www.e-seniors.asso.fr
Camera-Contact	SME	France	http://camera-contact.com
iMinds/Ghent University	R&D	Belgium	www.iminds.be/en
The Christelijke Mutualiteit	End-user	Belgium	www.cm.be

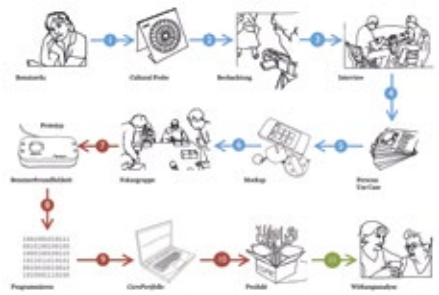
Coordinator:
Docobo Limited
Duration: 36 months
Starting date: 1 May 2013
Total budget: € 3.238.818
Public contribution: € 1.444.061
Contact: Richard Plumbridge
richard.plumbridge@docobo.co.uk
T: +44 1 372 459 866
Website: www.sonopa.eu

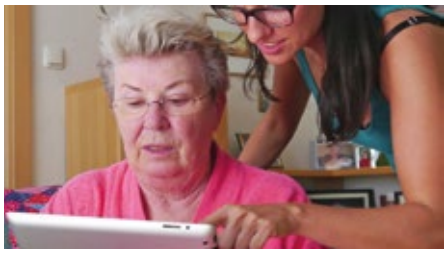
TOPIC

The Online Platform for Informal Caregivers

TOPIC aims at providing a solution by diminishing family carers' burden, by then decreasing all the related problems, and offer them a better quality of life and independence. It will then reduce all the related costs of these "hidden patients". The solution developed, the CarePortfolio, will provide multimodal social support to informal carers by means of a set of accessible online services, which would be available at all times via a portal, available on the Internet, via tablets, smart phones, and/or iTV. This set of services will cover the three dimensions of social support: informational, emotional, and tangible. Informational support means the flow of information, advice, or opinions that allow an individual to assess and understand the problem she/he is facing. How these systems will be deployed in the market will be defined via the definition of rental services by the business partners.

Through iterations in prototyping CarePortfolio including all necessary web services and interfaces for user interaction in all scales (computer/tablet-based, mobile, iTV-based) will be integrated to an open customisable system of services, which can be easily composed to other useful products for care giving and self-caring.





PARTNERS

Vienna University of Technology	R&D	Austria	www.tuwien.ac.at
ilogs mobile software GmbH	SME	Austria	www.ilogs.com
SOZIAL GLOBAL Aktiengesellschaft	End-user	Austria	www.sozial-global.at
University of Siegen	R&D	Germany	www.uni-siegen.de
SOPHIA Franken GmbH & Co KG	End-user	Germany	www.sophia-franken.de
AVINOTEC GmbH	SME	Germany	www.avinotec.de
Technology University of Troyes	R&D	France	www.utt.fr
E-Seniors	End-user	France	www.eseniors.eu
Lokeo	SME	France	www.lokeo.fr
Webinage	SME	France	www.webinage.fr

Coordinator:
Vienna University of Technology
Duration: 36 months
Starting date: 1 May 2013
Total budget: € 745.095
Public contribution: € 558.821
Contact: Assoc. Prof. Hilda Tellioglu
hilda.tellioglu@tuwien.ac.at
T: +4 315 880 118 716
Website: www.topic-aal.eu

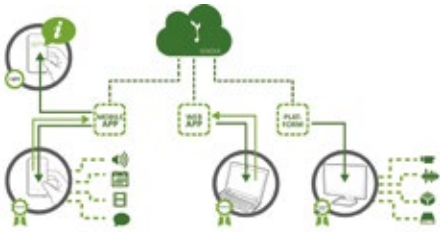
UNDERSTAID

A Platform That Helps Informal Caregivers to Understand and Aid their Demented Relatives

The project will build an application to help informal caregivers of demented people (typically a spouse or an adult child) understand and aid their demented relatives and help them manage their new life situation.

The project's major novelty consists of the development of a sophisticated search methodology – based on advanced interactive profiling and surveying methods – for matching learning material and content with an individual's situational context and needs. This represents considerable advancements over today's information search and classification system. The UNDERSTAID solutions will involve and be tested among end users in Denmark, Spain and Poland – and individuals heavily burdened by demented relatives will constitute the main target group. After testing, the consortium expects to start commercializing understAID solutions 6 months post-project in the 3 countries.

The total estimated worldwide costs of dementia were €465 billion in 2010. The consortium will mobilize resources and key stakeholders, possibly large players with strong market access, to bring the solution to these markets.



PARTNERS

VIA University College	R&D	Denmark	www.viauc.com
Sekoia Assisted Living ApS	SME	Denmark	www.sekoia.dk
The Centre of Supercomputing of Galicia – CESGA	R&D	Spain	www.cesga.es
Balidea Consulting and Programming	SME	Spain	Balidea.com
Poznan University of Medical Sciences	R&D	Poland	http://pums.ump.edu.pl
Danish Alzheimer Association	End-user	Denmark	www.alzheimer.dk
The Gerontological Complex La Milagrosa – UDP A Coruña	End-user	Spain	www.centrolamilagrosa.org
Ortopedyczno-Rehabilitacyjny Szpital Kliniczny nr 4 im. W. Degi	End-user	Poland	www.orsk.ump.edu.pl
Skanderborg Municipality	End-user	Denmark	www.skanderborg.dk

Coordinator:
VIA University College
Duration: 36 months
Starting date: 11 April 2013
Total budget: € 1.526.217
Public contribution: € 962.846
Contact: Hanne Wacher Kjaergaard
hwk@viauc.dk
T: +45 87 553 095
Website: www.understAID.com

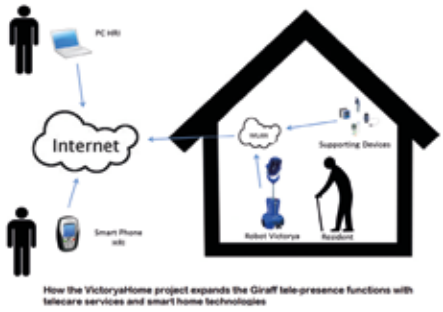
VICTORYAHOME

A Robot for Integrated Care@Home and Peace of Mind of Carers

What if at Irene's home there was a robot that "knows" what is happening with her in the house and share this knowledge with her carers? It does not tell all it knows, but will let them know when there might be a problem. The robot knows its user, if she took medication and when, whether she is taking enough water, what her activity level is or if she has fallen down and it can automatically call for help.

At this stage the carer can come in the house "virtually" using the tele-presence function. The robot will put in Irene's hands the responsibility of drinking water more frequently, taking the medicines on time and being more active. She knows this will let her carers stay informed regarding key status indicators and activities, showing she is OK so that the carers will feel greater confidence.

The tele-presence function of the robot is the starting point and it will be expanded with additional services. This will be done based upon an iterative design process with older adults, informal carers, formal carers and other stakeholders. Four trials will take place in Norway, Sweden, the Netherlands and Portugal where older adults at home will interact with remote informal carers and professional carers using the developed VICTORYAHOME services. The goal is to reach 10% market penetration in the care organizations associated with the trials.



How the VictoryaHome project expands the Giraff tele-presence functions with telecare services and smart home technologies

PARTNERS

Stichting Smart Homes	SME	The Netherlands	http://www.smart-homes.nl
FFO Funksjonshemmedes Fellesorganisasjon	End-user	Norway	http://www.ffo.no
GroenekruisDomicura	End-user	The Netherlands	http://www.groenekruisdomicura.nl
SOS International	End-user	Norway	https://www.sos.eu/da/privat
Norwegian Centre for Integrated Care and Telemedicine, University Hospital of North Norway	End-user	Norway	http://www.telemed.no
Bluecaring	SME	Portugal	http://oncaring.com
Giraff Technologies AB	SME	Sweden	http://www.giraff.org
Tromsø Telemedicine Consult As	SME	Norway	http://telemedicineconsult.com
R&D Council, Sörmland County	End-user	Sweden	http://www.fou.sormland.se

Coordinator:
Stichting Smart Homes
Duration: 36 months
Starting date: 1 April 2013
Total budget: € 2.366.201
Public contribution: € 1.308.284
Contact: Ilse Bierhoff
i.bierhoff@smart-homes.nl
T: +31 497 514 984
Website: http://www.victoryahome.com

WETAKECARE

Collaborative Interaction in Caring & Training to Improve the Autonomy in Activities of Daily Living

WETAKECARE project aims to empower the collaborative caring and training between the older person and the non-professional carer, in order to promote the independent living of the older person.

WETAKECARE will develop an interactive and multimodal system for the training on ADL, builded mainly on software solutions running on off-the-shelf hardware equipment. System functionalities will be: (i) gestural controlled ADL exercises with Kinect (ii) web platform with courses, workshops and links to main care-giving blogs, forums and social networks and (iii) general functionalities as agenda & reminders, communication and TV control. The aimed target users are the persons, aged 50+, presenting an initial lost of capabilities and/or having a light to moderate physical disability and their caregivers.

It is estimated that 70% of the dependent older population solely receive informal care. The uptake of ADL by the non-professional carer leads to an overload of activities to perform, thus affecting negatively the physical and psychological health of the caregiver.

PARTNERS

Instituto de Biomecánica de Valencia (IBV)	R&D	Spain	www.ibv.org
Centro de Producción Multimedia para la Televisión Interactiva S.L.	SME	Spain	www.cpmti.es
Kaasa health GmbH	SME	Germany	kaasahealth.com
Zürcher Hochschule für Angewandte Wissenschaften	R&D	Switzerland	www.gesundheit.zhaw.ch
Vereinigung aktiver Senioren- und Selbsthilfe-Organisationen der Schweiz	End-user	Switzerland	www.vasos.ch

Coordinator:
Instituto de Biomecánica de Valencia (IBV)
Duration: 36 months
Starting date: 1 June 2013
Total budget: € 1.746.741
Public contribution: € 995.007
Contact: Rakel Poveda Puente
ibv@ibv.upv.es
T: +34 963 879 160
Website: www.wetakecare.ibv.org/

YOUDO

YouDo – We Help!

The first confrontation with the notion of an intensive support for their family members comes often insidiously (e.g. dementia) or suddenly (e.g. stroke) trough changing live circumstances. In such situations the relatives need solutions, orientation & support - especially to analyse their own realistic possibilities & abilities. They should have access to all information that will help them to fulfil their role as informal carers; to all special training programs aimed to improving the quality of their nursing.

With our channel-line "YouDo – We help!" we want to help informal carers to handle their challenging task and give them the information & training they need. Every channel covers one of the six main care topics.

The innovation of our idea consists of gathering all the needed content for the top 6 care topics distributed to the informal carer on their personal trusted device (TV-set or computer) – depending on their age & preferences. In a 2nd step we have to research in which way the content could be transformed, so that the end user really understands it. With the TV technology we use it is possible to set up own IP-TV-channels & feed them with own content.

PARTNERS

b-mobile GmbH	SME	Switzerland	www.b-mobile.ch
AIT Austrian Institute of Technology	R&D	Austria	www.ait.ac.at
Fachhochschule Vorarlberg	R&D	Austria	www.fhv.at
iHomeLab	R&D	Switzerland	www.iHomeLab.ch
Diakonie München-Moosach	End-user	Germany	www.diakonie-moosach.de
Meditrainment	SME	Germany	http://www.meditrainment.com

Coordinator:
b-mobile GmbH
Duration: 36 months
Starting date: 1 September 2013
Total budget: € 1.572.698
Public contribution: € 2.827.260
Contact: Christin Weigel
Christin.weigel@b-mobile.ch
T: +41 794 193 383
Website: http://www.aal-europe.eu/projects/youdo/

CALL 6

ICT-based Solutions for Supporting Occupation in Life of Older Adults

AMBIENT ASSISTED LIVING
JOINT PROGRAMME

ACTGO-GATE

Active Retiree and Golden Workers Gate

ACTGO-GATE is a Python-based web-application linked to open source solutions for alternative currencies and commercial ERP systems, complemented by mobile apps to provide anytime/anyplace access. Three occupational modules support different forms of social participation by older people.

- The "Serve the community" module enables customers to participate by offering their informal support to other community members (informal volunteering work).
- The "Flexible occupation" module brings together local service providers with golden workers and active retirees, who want to engage in part-time jobs and occupations.
- The "Get involved with organizations" module aims to bring together people for social projects, e.g. as part of corporate volunteering programs.

These modules will be run in three different locations, an urban setting in Northern Germany, a rural setting in Southern Germany, and a small town setting in Switzerland.

PARTNERS

University of St. Gallen	Research	Switzerland	http://www.iwi.unisg.ch
Mobanode Ltd.	SME	Ireland	http://www.mobanode.com
Wroclaw University of Economics – Institute of Business Informatics	Research	Poland	http://www.ue.wroc.pl/en
Entwicklungszentrum Gut altwerden GmbH	SME, End-user	Germany	http://www.ez-gaw.de
Business Engineering Institute St. Gallen AG	SME	Switzerland	http://www.bei-sg.ch
Alster Service Center GmbH	SME, End-user	Germany	http://www.alsterservicecenter.de
Benevol	End-user	Switzerland	http://www.benevol-sg.ch
Clavis IT	SME	Switzerland	http://www.clavisit.com

Coordinator:
University of St. Gallen,
Institute of Information Management
Duration: 36 months
Starting date: 1 October 2014
Total budget: € 3.030.000
Public contribution: € 1.610.000
Contact: Dr. Philipp Menschner
philipp.menschner@unisg.ch
T: +41 712 243 323
Website: http://www.actgo-gate.eu (soon online)

ACTIVE@WORK

Active Older Adults @ Workplace

The Active@Work project addresses the development and deployment of a web based solution, centred at helping senior workers in their roles within the organisation, providing services to streamline their integration and responsibilities. Advanced wearable multi-sensors will be provided to monitor each individual health status, the project will study how the compliance of monitoring with (advanced) wearable devices can be improved in order to generate value information about the health status of the user in the working environment. To assure that the Active@Work prototype addresses market needs, end-users will be involved since an early stage of the project execution, overcoming some of the limitations of existing market solution. The two pilots to be deployed will cover heterogeneous organizational processes on various working environments (local and mobile). To achieve that, an extensive and diverse range of users will be included in order to approach the solution to the end-users real needs.

PARTNERS

Atos	Large enterprise	Spain	www.atos.net
Inov Inesc Inovacao - Instituto De Novas Tecnologias	R&D	Portugal	www.inov.pt/
Yazzoom	SME	Belgium	www.yazzoom.be
University of St. Gallen	R&D	Switzerland	www.unisg.ch/
Multisector Norte – Innovation Consulting , Lda.	SME	Portugal	www.multisector.pt
IOS International	SME	Belgium	www.iosint.be
Sensolus	SME	Belgium	www.sensolus.com

Coordinator:
Atos
Duration: 30 months
Starting date: 1 June 2014
Total budget: € 1.988.012
Public contribution: € 1.081.031
Contact: Blanca Jordán
blanca.jordan@atos.net
T: +34 625 599312
Website: http://www.activeatwork.eu

ANIMATE

Intergenerational Community for Company Knowledge Transfer

ANIMATE provides a cross-generation community based service exchange system where companies employing qualified older adults can offer workshops and learning experiences to the younger professionals of other companies and in turn get back the experience that they have provided as working hours or weeks from the workforce available in the community companies.

This would enable the transfer of knowledge in the local network between aged professionals and younger or newly employed workers and this will also keep senior workers more active and motivated in their workplace as they are involved in stimulating environments with younger professionals.

End users will test an initial prototype which will be refined in successive iterations (prototypes) with the observations that they provide so end users will be involved in all the project phases. More than 100 test will be carried in UK and Spain with elderly working and unemployed between 60-75 and with companies.

PARTNERS

HI-Iberia Ingenieria y Proyectos SL	SME	Spain	www.hi-iberia.es
University of Geneva	R&D	Switzerland	http://www.qol.unige.ch
Thurrock Council	End-user	United Kingdom	www.Thurrock.gov.uk
e-learning Studios Ltd.	SME	United Kingdom	http://www.e-learningstudios.com
Biomedical Research Institute for Health in Lleida	End-user	Spain	http://www.gss.cat/es http://www.irblleida.org/es

Coordinator:
HI-Iberia Ingenieria y Proyectos SL
Duration: 36 months
Starting date: 1 April 2014
Total budget: € 2.136.512
Public contribution: € 1.170.685
Contact: Inmaculada Luengo
iluengo@hi-iberia.es
T: +34 914 589 823
Website: www.animate-aal.eu

AXO-SUIT

Assistive Exoskeleton Suitable for Elderly Persons

The AXO-SUIT is to comprehensively supplement the strength of elderly persons with feasible exoskeletons in undertaking volunteer work, which will be achieved through six workpackages: WP1(end user) to get close involvement of the end-users throughout the AXO-SUIT to determine the requirements, and final testing to determine user satisfaction, WP2 (Lower body exoskeleton) to maintain elders mobility, WP3 (Upper-body exoskeleton) to supplement their physical abilities of holding, grasping, pushing or pulling involved for performing light-duty jobs, WP4 (System integration) to integrate all systems and test them in labs, WP5 (commercialization) to develop and test potential AXO-SUIT products in the targeted countries (Belgium, Denmark, and Sweden), Europe and Beyond, and to develop business plans and create opportunities for further products, WP6 (Project management) for overall work plan management and administration, finance, reporting, quality assurance, etc.

PARTNERS

Aalborg University	End-user	Denmark	http://www.aau.dk
University of Gävle	End-user	Sweden	http://www.hig.se/
Vrije Universiteit Brussel	End-user	Belgium	http://www.vub.ac.be
Welldana A/S	End-user	Denmark	http://www.welldana-innocare.com
Bioservo Technologies AB[1]	Large enterprise	Sweden	http://www.bioservo.se
Space Application Services NV/SA	Large enterprise	Belgium	http://www.spaceapplications.com
Hjälpmedelsteknik Sverige	End-user	Sweden	www.hjalpmedelsteknik.se

[1] *Involvement is unfunded from AAL Programme*

Coordinator:
Aalborg University
Duration: 36 months
Starting date: 1 May 2014
Total budget: € 2.978.018
Public contribution: € 1.676.516
Contact: Shaoping Bai
shb@m-tech.aau.dk
T: +45 99 409 291
Website: http://www.aal-europe.eu/projects/axo-suit/

CLOCKWORK

Smart System for The Management and Control of Shift Workers' Circadian Rhythms

The main goal of the CLOCKWORK project is to create a healthy and comfortable environment by supporting middle-aged to older adults in the improvement of their circadian rhythms.

Three main tools will be used: an activity monitoring device, a feedback and support application framework and an innovative environmental circadian empowering system module, which includes the design of a lighting device, a wireless sensor network and actuators to regulate the environment. The feedback and support application framework is not only the platform that communicates with the user, but it is also responsible for managing the information gathered by the sensors and controlling the different devices to adjust the environmental conditions to the person's needs.

Two main use cases will be addressed, that involve two groups of shift workers in the project: professionals from healthcare (UNIFE) and infrastructure (PT). In this project, the end-user organizations accumulate the role of technical partners, which provides a truly participatory approach to the design and development of the solution.

PARTNERS

Fraunhofer Portugal AICOS	R&D	Portugal	www.fraunhofer.pt
BCB Informática y Control SL	SME	Spain	www.bcb.es
Università degli Studi di Ferrara	R&D	Italy	www.unife.it
KOHS PIMEX	SME	Austria	www.pimex.at
Portugal Telecom Comunicações	Large enterprise	Portugal	www.telecom.pt
Ab.Acus Srl	SME	Italy	www.ab-acus.com
Grado Zero Espace	SME	Italy	www.gzespace.com
RK Tech, Kft	SME	Hungary	www.rktech.hu

Coordinator:
Fraunhofer Portugal AICOS
Duration: 36 months
Starting date: 1 June 2014
Total budget: € 1.643.367
Public contribution: € 959.171
Contact: Ana Correia de Barros
ana.barros@fraunhofer.pt
Website: http://www.aal-europe.eu/projects/clockwork/

CogniWin

COGNIWIN

Cognitive Support for Older Adults at Work

The COGNIWIN system is an easy to download and to install software; making use of an intelligent mouse and an eye tracker, providing services for both (older) adults at work and the organizations employing them. COGNIWIN will be equipped with personalized and adaptable interfaces considering the cognitive characteristics of the older adults while considering the cognitive factors that affect user interactions (e.g., present information in a diagrammatical representation in case a user processes graphical information more efficiently

COGNIWIN will primarily help older adults adapt cognitively with their tasks based on information collected implicitly through their interactions with the system (intelligent mouse interactions, eye tracking, navigation clicks) as well as explicitly provided personal and cognitive characteristics (e.g., well being issues, cognitive processing abilities). The Adaptive Support and Learning Assistant is a new mean for learning offered to older adult workforce.

PARTNERS

Institute of Services Sciences, University of Geneva	R&D	Switzerland	Iss.unige.ch
Citard Services Ltd	SME	Cyprus	http://citard-serv.com
Orbis Medical and Healthcaregroup	End-user	The Netherlands	http://www.orbisconcern.nl
Microsoft Language Development Center	Business	Portugal	http://www.microsoft.com/pt-pt/mldc
Austrian Institute of Technology GmbH	R&D	Austria	http://www.ait.ac.at
Pedro Nunes Institute	R&D	Portugal	https://www.ipn.pt
ArgYou Ltd	End-user	Switzerland	http://www.argyou.com
Ingenieria y Soluciones Informaticas S.L	SME	Spain	http://www.isoin.es

Coordinator:
Institute of Services Sciences, University of Geneva
Duration: 30 months
Starting date: 1 May 2014
Total budget: € 3.639.208
Public contribution: € 2.244.997
Contact: Dr. Mehdi Snene
Mehdi.snene@padiss.com
T: +41 223 790 247
Website: www.cogniwin.eu

ELDERS-UP!

Adaptive System for Enabling The Elderly Collaborative Knowledge Transference to Small Companies

The main idea behind ELDERS-UP! project is to bring the valuable experience of elderly to start-ups and small companies, addressing intergenerational knowledge transfer to use skills and competencies based on experience.

The ELDERS-UP! project will build an ecosystem for collaboration on which these two groups are the main actors thus strengthening the European experts workforce and maintaining their productivity and usefulness to the society.

Small companies, struggle to create their own products, to sell them and to become more consolidated and bigger businesses. However, due to the fact that their workforce usually consists of a few employees they cannot cover all the areas of knowledge that a company needs to bring their products to the market.

PARTNERS

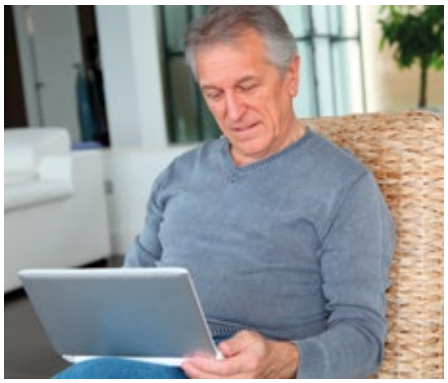
ISOIN – Ingeniería y Soluciones Informáticas S.L.	SME	Spain	http://www.isoin.es
Optimización orientada a la sostenibilidad S.L. IDENER	SME	Spain	http://www.idener.es
GeoImaging Ltd GEO	SME	Cyprus	http://www.geoimaging.com.cy
Technical University of Cluj-Napoca TUC Research entity	R&D	Romania	http://www.utcluj.ro/en
CleverCherry	SME	UK	http://clevercherry.com/
Elderly Care Center "Agia Marina" AgiaM	End-user	Cyprus	
Stokport City	End-user	UK	http://www.stockport.gov.uk/
Connectedcare services b.v. CCare	SME	The Netherlands	

Coordinator:
ISOIN – Ingeniería y Soluciones Informáticas S.L.
Duration: 24 months
Starting date: 1 September 2014
Total budget: € 2.050.656
Public contribution: € 1.306.428
Contact: Victor Sanchez
vsanchez@isoin.es
T: +34 954 219 013

EXPACT

Experiences Keep People Active

When older people retire, valuable skills and expertise are lost to society and the labor market. For those affected, the step into retirement often proves difficult. The EXPACT project aims to develop a software framework with which to create and operate platforms that support older people by making it easy for them to offer first-hand professional and life experience, while participating in social and professional activities. This experience can be of great benefit to profit or non-profit organizations, associations, and private individuals. To facilitate successful matches and bring together those who offer experience with those who demand it, innovative matching algorithms and a sensitive taxonomy are being developed, enabling different kinds of experience to be entered and retrieved. To understand the needs of providers and beneficiaries of experience with regard to the system, users are integrated along the whole development process. This ensures a solution that is needs-based as well as oriented to its target-group and market.



PARTNERS

ZHAW Zurich University of Applied Sciences	R&D	Switzerland	www.zhaw.ch
European Academy of Bozen/ Bolzano	R&D	Italy	www.eurac.edu
Andrássy University of Budapest	R&D	Hungary	www.andrassyuni.eu
Ethical Software Soc. Coop.	SME	Italy	www.ethicalsoftware.it
Alpnet Engineering AG	SME	Switzerland	www.alpnet.ch
Aktivsenioren e.V.	End-user	Germany	www.aktivsenioren.de
PowerAge Foundation	End-user	Switzerland	www.powerage.ch

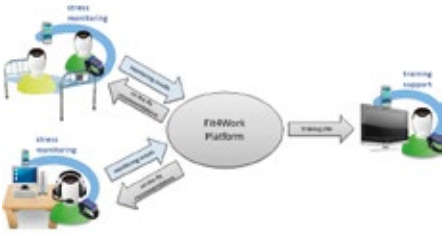
Coordinator:
ZHAW Zurich University of Applied Sciences
Duration: 24 months
Starting date: 1 September 2014
Total budget: € 2.501.888
Public contribution: € 1.567.200 *
Contact: Andri Färber
andri.faerber@zhaw.ch
T: +41 589 346 294
Website: www.expact.eu
** As not all grant agreements have been signed, some adjustments may still be made*

FIT4WORK

Self-Management of Physical and Mental Fitness of Older Workers

The FIT4WORK project will develop an innovative easy-to-use and unobtrusive system that will support older workers in reducing and managing physical and mental stress resulting from their occupation.

The FIT4WORK system will be built from state-of-the-art components currently present in the market. It may be imagined as a smartphone extended with sensor-packed wearable device (smart watch/electronic shirt) connected with a smart workplace environment and with external services immersed in the cloud. Primary target group for the pilot include individuals aged 55 and over in the sector of health and social work. The pilot will include three diverse groups of users in the Netherlands and Poland (formal and informal carers, and tele-assistants).



PARTNERS

Poznań Supercomputing and Networking Center	R&D	Poland	www.psnc.pl
Eugeniusz Piasecki University School of Physical Education in Poznań	R&D	Poland	www.awf.poznan.pl
Jožef Stefan Institute	R&D	Slovenia	www.ijs.si
UnieKBO	End-user	The Netherlands	www.uniekbo.nl
SGS Tecnos S.A.	Large enterprise	Spain	www.sgs.es
SC Teamnet International SA	Large enterprise	Romania	www.teamnet.ro
Other Side Mirror S.L.	SME	Spain	www.othersidemirror.com

Coordinator:
Poznań Supercomputing and Networking Center
Duration: 36 months
Starting date: 1 June 2014
Total budget: € 2.639.826,80
Public contribution: € 1.910.850
Contact: Michał Kosiedowski
fit4work@fit4work-aal.eu
T: +48 618 582 161
Website: www.fit4work-aal.eu

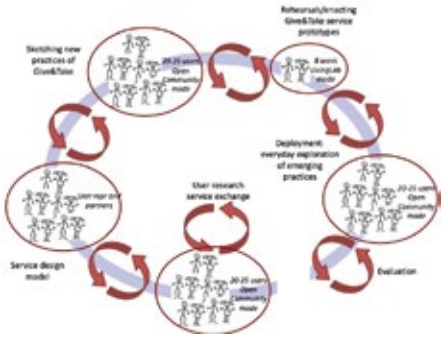
GIVE&TAKE

GIVE&TAKE

Designing a Reciprocal Exchange Service for a Good and Engaged Senior Life

The service addresses a market opportunity and releases an unexploited societal potential for solving tasks predominantly under the public sector realm. Behind the need and opportunity are societal macro trends as well as documented positive effects of seniors' prolonged professional activity and voluntary work. GIVE&TAKE empowers seniors, by improving occupational lifestyle through a reciprocal exchange-service to maintain societal engagement as a key to mental, social and physical fitness.

The technological solution is a state-of-the-art advancement of enabling ICT interfaces for mobile formats and tools supporting social innovation. The GIVE&TAKE service offers a platform for knowledge and experience transfer by making skills and competencies visible in local communities. Target users are seniors in their early seniority, currently often in the transition and void between an active work life and retirement. Intensive end-user participation is ensured throughout the project's duration through a mixed methods approach, including ethnographic techniques of observations and interviews, focus groups, cultural probes, LivingLabs and Open Community Labs taking place in both Denmark and Austria. The business model foresees revenue derived from marketing the platform to business partners, who aim to engage senior citizens. Customers are partners interested in hosting or sponsoring a service exchange platform through which they can invite citizens to engage in service exchange activities against a license fee.



PARTNERS

IT University of Copenhagen	R&D	Denmark	http://itu.dk/en
Socialsquare	SME	Denmark	http://www.socialsquare.dk
TakeTheWind	SME	Portugal	http://www.takethewind.com
Technical University of Vienna	R&D	Austria	http://www.tuwien.ac.at/en
CEIT RALTEC	R&D	Austria	http://www.ceit.at/ceit-raltec
Royal Academy of Fine Arts, School of Design	R&D	Denmark	http://kadk.dk/en
Frederiksberg Municipality	End-user	Denmark	http://www.frederiksberg.dk

Coordinator:
IT University of Copenhagen
Duration: 36 months
Starting date: 1 May 2014
Total budget: € 1.637.986
Public contribution: €1.080.545
Contact: Lone Malmborg
malmborg@itu.dk
T: +45 72 185 023
Website: www.givetake.eu

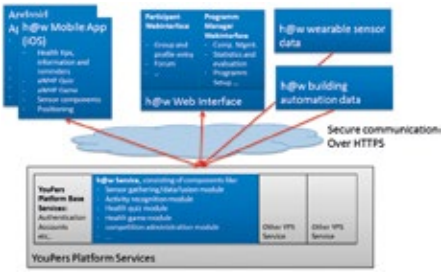
HEALTHY@WORK

Personalized Adaptive Workplace Health Promotion for Older Employees

The project helps to establish healthier behaviours in occupation and at home. It addresses the often-experienced gap between just knowing what would be good for your body and mind and actually starting to change your daily behaviour. The personalized adaptive workplace health promotion programme (HEALTHY@WORK) is a mobile application platform and associated infrastructure that promotes healthy behaviour through small daily inputs, activities and monitoring.

HEALTHY@WORK wants to increase occupational health maintenance and well-being especially for older caregiving professionals and office workers.

End-users will be involved in Switzerland and United Kingdom through our local consortium partners CURAVIVA and Bournemouth Borough Council. End-users are involved in the requirement phase and the organization can act as a showcase enterprise that will implement a growing HEALTHY@WORK programme during the different field trial iterations.



PARTNERS

YouPers AG	SME	Switzerland	www.youpers.ch
Lucerne University of Applied Sciences and Arts – Engineering & Architecture CEESAR - iHomeLab	R&D	Switzerland	www.iHomeLab.ch
romus	SME	Switzerland	www.romus.ch
u-sentric	SME	Belgium	www.u-sentric.com
XIM Ltd.	SME	United Kingdom	www.xim.co.uk
Bournemouth Borough Council	End-user	United Kingdom	www.bournemouth.gov.uk
CURAVIVA	End-user	Switzerland	http://www.curaviva.ch

Coordinator:
YouPers AG
Duration: 24 months
Starting date: 1 April 2014
Total budget: € 2.277.571
Public contribution: € 1.179.069
Contact: Urs Baumeler
urs.baumeler@youpers.com
T: +41 794 797 256
Website: www.youpers.ch

IRONHAND

Smart Glove with Intention Detection and Mechatronic Finger Actuation Supporting Elderly Occupation

The IRONHAND project targets frail older adults suffering from age-related loss of weakness to continue use of their arms and hands in occupation and leisure activities.

Good hand function is paramount to the performance of most tasks in daily life, such as personal care, leisure and occupation activities, whereas reduced grip strength is related to health complications and disability in elderly. By enabling elderly to continue using their hands during functional activities with a smart glove, they can maintain or even improve their activity level. In order to provide prolonged support of existing hand function in occupation and leisure activities, the IRONHAND project aims to develop a smart glove that supports hand opening and grip during functional tasks where needed (assistive function). This can be combined with adaptive training software via an external display (therapeutic function) for those who are already affected by hand-impairing diseases, enabling personalized training and monitoring of hand function. In this way, elderly people, especially those with weak grip, are empowered to continue managing their occupation and community activities.

PARTNERS

Roessingh Research and Development	End-user	The Netherlands	www.rrd.nl
Bioservo Technologies AB	SME	Sweden	www.bioservo.com
Hocoma AG	SME	Switzerland	www.hocoma.com
Stichting Nationaal Ouderenfonds	End-user	The Netherlands	www.ouderenfonds.nl
Eskilstuna Kommun	End-user	Sweden	www.eskilstuna.se
terzStiftung	End-user	Switzerland	www.terzstiftung.ch

Coordinator:
Roessingh Research and Development
Duration: 36 months
Starting date: 1 May 2014
Total budget: € 4.068.372
Public contribution: € 2.221.255
Contact: Ms. G.B. Prange, PhD
g.prange@rrd.nl
T: +31 534 875 777
Website: www.ironhand.eu

KNOTS

A Knowledge Transfer-System for People who Care

The KNOTS platform will be an interactive information system which will be able to display various information on a mobile end device or information terminal. To achieve this, an adaptable, barrier-free surface will be developed. This allows both, experienced and inexperienced users, to use the KNOTS system easily and intuitively. The data will be stored and processed on a protected server based system. For optimum protection, as well as the reliability and accuracy of data, the users are granted certain rights that determine whether they can collect data without further review. To achieve a high user acceptance, different ways to feed the data into the KNOTS-system will be implemented. The user may post text notes with or without using automatic speech recognition, audio-comments can be recorded and even short instructional videos can be posted by the users using nothing more than the tablet's hardware. The user-groups are professional and volunteer caretakers, users and installers of AAL-technology.

PARTNERS

Project Group Hearing-, Speech- and Audiotechnology, Fraunhofer IDMT	R&D	Germany	www.idmt.fraunhofer.de
Protronic GmbH	SME	Germany	
Eurotronik Kranj d.o.o.	SME	Slovenia	
Johanniter Unfall Hilfe e.V.	End User	Germany	
CareTech AB	End User	Sweden	
Hemtjänstkompaniet AB	End User	Sweden	

Coordinator:
Fraunhofer Institute for Digital Media Technology IDMT
Duration: 36 months
Starting date: 1 July 2014
Total budget: € 2.451.150
Public contribution: € 1.396.673
Contact: Dr.-Ing. Stefan Goetze
s.goetze@idmt.fraunhofer.de
T: +49 441 2172 432
Website: http://www.knots-project.eu

LETITFLOW

Active Distributed Workflow System For Eldery

LETITFLOW will provide a architecture and implementation of a workflow platform specialized for elderly workers. In order to facilitate the reuse of the platform on different domains, we will propose a modular architecture with open interfaces that will allow customizing the tools for different scenarios, and plug new of intelligence algorithms, different type of user, new HMI, communications protocols. The structure will consist in a mix of N-tier applications concepts and service-oriented architecture over enterprise technologies. This kind of structure helps the project to build a modular, integrated, scalable platform application suite. Some of the modules are standalone, i.e. they are client applications that can run independently. LetItFLOW will involve users extensively in the requirements analysis (at the beginning), the usability engineering and pre-testing of first prototype (mid of the project) and final evaluation tasks (end of the project). Involvement of the end users means to investigate users' needs and wishes addressed to the project objectives.

PARTNERS

Integrasys SA	SME	Spain	www.integrasys-sa.com
Noldus Information Technology BV	SME	Netherlands	www.noldus.com/
Austrian Institute of Technology - AIT	R&D	Austria	www.ait.ac.at/
SIVECO Romania SA	Large Enterprise	Romania	www.siveco.ro/
University Municipal Hospital from Bucharest	End-user	Romania	www.suub.ro/
Hospital Universitario Virgen Macarena	End-user	Spain	www.hospital-macarena.com/

Coordinator:
Integrasys S.A.
Duration: 36 months
Starting date: 1 September 2014
Total budget: € 1.450.783
Public contribution: € 1.136.700,20
Contact: Pedro A. Ruiz
pedro.ruiz@integrasys-sa.com
T: +34 916 316 846
Website: http://www.letitflow-project.com

PEARL

Platform for Ergonomic and Motivating, ICT-based Age-friendly Workplaces

The PEARL system foresees a seamless setup and integration of leading-edge technology within three organizational layers that employees can alternate between freely: The home, the office, and various workplaces. Especially in the creative industries sector, a flexible and comfortable working environment is the key for a successful and satisfying work experience. For this reason, PEARL develops flexible solutions for the task and work flow management, for ergonomic adaptations of the workplaces themselves, as well as for training activities.

With the help of innovative surface and mobile computer technology, employees will be able to choose where they want to conduct which tasks, be it at home or the various workplaces at the office. A decision support system will guide the initial configuration of the system according to the special needs of each employee. In order to assure relevance, ease-of-use and enjoyment we will involve end users and stakeholders across all the phases of the project following a user-centered design approach.

PARTNERS

Austrian Institute of Technology GmbH	R&D	Austria	www.ait.ac.at
Roessingh Research and Development	SME	Netherlands	www.rrd.nl
Singular Romania Computer application S.R L.	Large enterprise	Romania	www.singularlogic.ro
Empirica Gesellschaft für Kommunikations- und Technologieforschung mbH	SME	Germany	www.empirica.com
COMARG Communication & Marketing Agency	SME	Switzerland	www.comarg.ch
SENSAP Swiss AG	SME	Switzerland	www.sensap.ch
Aalborg University	R&D	Denmark	http://ctif.aau.dk
RFID-specialisten	SME	Denmark	www.rfid-specialisten.dk

Coordinator:
AIT Austrian Institute of Technology GmbH
Duration: 30 months
Starting date: 1 June 2014
Total budget: € 3.095.941
Public contribution: € 1.971.740
Contact: Univ.Prof. Dr. Manfred Tscheligi
Manfred.tscheligi@ait.ac.at
T: +43 505 504 577
Website: www.pearl-project.eu

Professional Intergenerational Cooperation and Mentoring
ProMe

PROME

Professional Intergenerational Cooperation & Mentoring

PROME seeks to provide meaningful opportunities for occupation in the life of older adults, in the transition from work to retirement and beyond. Older adults have acquired a considerable amount of **professional formal and tacit knowledge**.

PROME allows **professional intergenerational cooperation and mentoring** via an online service platform, bringing together older adults with younger generations, based on **theoretical concepts for mentoring**. Current professional social networks (e.g., Xing, LinkedIn etc.) allow strengthening social relations among people who, for example, share interests and activities. In addition to this, PROME offers the opportunity for older adults' **meaningful occupation on a voluntary basis** through taking an active role as a mentor. This in turn creates value for the society and economy as a whole.

The PROME platform will provide different opportunities for informal communication through a variety of functionalities, for example Video/Text-Chat, Email, Blogs, Forums, etc. PROME does not simply offer informal means of communication. Instead, it provides potential end users with the opportunity to take over different kinds of 'mentoring roles', supported by offering those functionalities that support specific roles best.

PARTNERS

Paris-Lodron University of Salzburg	R&D	Austria	icts.uni-salzburg.at
Siveco Romania	Large enterprise	Romania	www.siveco.ro
GlukAdvice	SME	The Netherlands	www.glukadvice.com
National Foundation of the Elderly	End-user	The Netherlands	http://www.ouderenfonds.nl
The general Association of Engineers in Romania	End-user	Romania	www.agir.ro/en
Inventya	SME	United Kingdom	http://www.inventya.com
EURAG Österreich	End-user	Austria	www.eurag.at

Coordinator:
Paris Lodron University of Salzburg
Duration: 36 Month
Starting date: 1 April 2014
Total budget: € 2.109.666
Public contribution: € 1.404.193
Contact: Univ.Prof. Dr. Manfred Tscheligi
manfred.tscheligi@sbg.ac.at
T: +43 66 280 444 811
Website: http://pro-me.eu

REVOLUTION

Realtime Volunteering Solution

The program REVOLUTION - REaltime VOLunteering solUTION – aims to give pensioners voluntary occupation.

The project develops a framework for "real-time volunteering" and three example services:

- Mobility Service (arranging local rides to a specified place – select the possible drivers in "real-time").
- Shopping Service (shopping of requested items – search for volunteers who are shopping right now or soon in the area of the requestor).
- Help at home (short-term assistance for people at home – quickly and easily find a volunteer in case of unforeseen events). The REVOLUTION framework contains innovative functions like human activity prediction, smart real-time selection, real-time user feedback and speech recognition. In contrast to commercial assistance providers, our service will be launched as a free service for end-users.

Will be set up local partnerships with communities, social care organisations and insurance companies as multipliers to promote the service for a low basic fee. Having both web-based and mobile front-ends, the REVOLUTION platform will be accessible for end-user with all current devices, from everywhere, to bring together local needs and voluntary assistance in all situations of daily life.

PARTNERS

YouPers AG	SME	Switzerland	www.youpers.ch
CREAGY AG	SME	Switzerland	www.creagy.ch
Lucerne University of Applied Sciences and Arts – Engineering & Architecture CEESAR - iHomeLab	R&D	Switzerland	www.iHomeLab.ch
terzStiftung	End-user	Switzerland	www.terzstiftung.ch
u-sentric	SME	Belgium	www.u-sentric.com
XIM Ltd.	SME	United Kingdom	www.xim.co.uk
ANA ASLAN International Foundation	End-user	Romania	www.brainaging.ro

Coordinator:
YouPers AG
Duration: 24 months
Starting date: 1 June 2014
Total budget: € 1.976.736
Public contribution: € 1.019.402
Contact: Thomas Kamps
thomas.kamps@youpers.com
T: +41 788 183 405
Website: www.youpers.ch

SENIORLUDENS

Serious Games Development Platform for Older Workforce Training and Intergenerational Knowledge Transfer

The SENIORLUDENS project will provide organizations with the first Serious Game development platform for the fast, easy and cheap creation of serious professional training games, which are suitable for use by the older workforce while allowing them to retain and transfer their knowledge. The platform will be assessed in three different application areas (IT companies, healthcare, food processing) that for their strategic relevance will represent specific services ready to scale up at the European level.

The results of SENIORLUDENS project will provide benefits to the older workforce by increasing their independence and motivation when facing new tasks. Organizations (companies, NGOs, etc.) and young workers will also benefit from the project by increasing the capabilities of their older workforce and by retaining and using the valuable knowledge from their experience. Finally, the social security system will benefit through an increase in years of healthy active life of the systems users.

PARTNERS

Indra Software Labs	Large enterprise	Spain	http://www.indracompany.com/en
YouRehab AG	SME	Switzerland	http://www.yourehab.com/en
Consorzio di Bioingegneria e Informatica Medica	SME	Italy	http://www.cbim.it
Unie KBO	End-user	The Netherlands	http://www.uniekbo.nl
Fondazione Don Carlo Gnocchi	End-user	Italy	http://www.dongnocchi.it

Coordinator:
Indra Software Labs
Duration: 30 months
Starting date: 1 April 2014
Total budget: € 1.828.243
Public contribution: € 886.056
Contact: David Toribio Gómez
dtoribio@indra.es
T: +34 914 806 952
Website: http://www.seniorludens.eu

SHIEC

Supporting Hearing in Elderly Citizens

The project consists of 5 work packages. All packages have technical deliverables which are clinically evaluated. WP1 investigates the benefits of data logging and mobile diagnostics. Modern hearing implants can track several characteristics of the auditory environment. This daily use information is therapeutically relevant. Device settings may be tuned and the clinician can provide focused counselling. WP2 concentrates on the mobile platform. Power efficient wireless links are becoming available to link hearing devices directly to a tablet computer. Applications for psychoacoustic assessments and subsequent device tuning will be piloted. Conducting at home a diagnostically valid test is non-trivial. WP3 extends this work to speech testing in an out-clinic setting. In WP4 all services will be integrated in a demonstrator and a clinical evaluation will be conducted together with the clinical partners and the end user society. The final WP5 consists of management activities such as dissemination and business planning.

PARTNERS

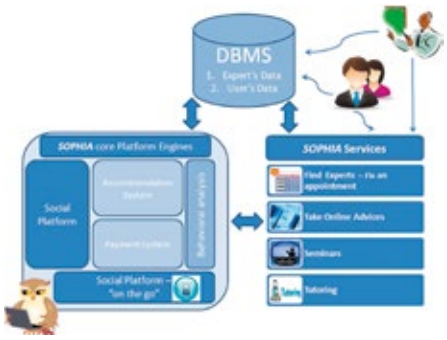
Cochlear Technology Centre	Large enterprise	Belgium	www.cochlear.com
Cochlear Bone Anchored Solutions	Large enterprise	Sweden	www.cochlear.com
Otoconsult	SME	Belgium	www.otoconsult.com
Vrije Universiteit Medical Center	R&D	The Netherlands	www.vumc.nl
Onafhankelijk Platform voor Cochleaire Implantatie	End-user	The Netherlands	www.opciweb.nl

Coordinator:
Cochlear Technology Centre
Duration: 36 months
Starting date: 1 April 2014
Total budget: € 4.269.927
Public contribution: € 2.630.757
Contact: Dr. Filiep Vanpoucke
fvanpoucke@cochlear.com
T: +32 15 705 638
Website: www.shiec.eu

SOPHIA

Senior Occupation after Profession: Habit Intriguing Adults

A social platform will be created in order to facilitate the communication and networking between expert-seniors who have retired and interested users in the offered services. In order to increase the services availability, a mobile version of SOPHIA will be developed for smart phone users. Moreover, the data from both experts and end-users will be available for behavioural analysis. There will be a group of behavioural experts, including psychologists, who will have the duty to anonymously take and analyse the available data. According to end-users needs and requirements, the platform will give them suggestions like what else they might wish to see or what other help could be suitable for them. As a result, behavioural design patterns can be brought in public showing which professions need more the expertise of someone experienced, in which areas people need more information so that society can organise public seminars, possible hiring senior adults to speak etc. Finally, an HTML5 front-end will be offered enabling expert –users and end-users to interact with the system via web but also through devices like smartphones.



PARTNERS

GeoImaging Ltd	SME	Cyprus	www.geoimaging.com.cy
ISOIN – Ingeniería y Soluciones Informáticas S.L.	SME	Spain	www.isoin.es
University of Bamberg, Department of General Psychology and Methodology	R&D	Germany	www.uni-bamberg.de
Association of Social Institutions of Slovenia	End-user	Slovenia	www.ssz-slo.si
Infokom GmbH	SME	Germany	www.infokom.de
Ilumya Ltd	SME	Ireland	www.ilumya.com
Wellness Telecom S.L.	End-user	Spain	www.wtelecom.es

Coordinator:
GeoImaging Ltd
Duration: 30 months
Starting date: 1 July 2014
Total budget: € 1.000.420
Public contribution: € 532.012
Contact: Dr Stratos Stylianidis
stratos@geoimaging.com.cy
T: +357 22 447 770
Website: http://www.sophia-aal.eu

SPONSOR

Knowledge and Competence Exchange Solution for Supporting Occupation in the Life of Older Adults

SPONSOR aims at developing, testing and implementing an ICT platform that facilitates the posting, browsing and exchange of key information between competence-offering seniors and search-based requests, from competence-demanding organisations from the public, private and voluntary sectors. SPONSOR, will significantly enhance senior persons' access to a wide range of occupational positions, thus meeting the AAL call 6 goal for supporting sense-making and the well-being of seniors in occupational environments whenever possible.

SPONSOR achieves this goal primarily through enhancing services within senior-oriented organisations (which we will also call end-user organisations), as a generic indirect mechanism building on the motivation, legitimacy and work already performed by these organisations regarding the possibility for seniors to be engaged in effective occupational activities of some kind. This mediation, achieved very early in the project through key partnerships, will allow for SPONSOR to reach a critical mass of activity within a reasonable time.

PARTNERS

CRP Henri Tudor	R&D	Luxembourg	http://www.tudor.lu/en
Coherent Streams CoSt	SME	Switzerland	http://coherentstreams.com
Fondation Suisse pour les Téléthèses FST	SME	Switzerland	http://www.fst.ch/fr.html
University of Geneva UNIGE	Academic	Switzerland	http://www.unige.ch/international/index_en.html
InTech InT	SME	Luxembourg	xxxx
Institute for Cognitive Science and Technology ISTC-CNR	R&D	Italy	http://www.loa.istc.cnr.it
I+ S.r.l. I +	SME	Italy	http://www.i-piu.it/website/index.php
Servisource SERV	SME	Ireland	http://servisource.ie
Netwell Centre and Casala, Dundalk Institute of technology Netwell	End-user	Ireland	http://www.netwellcentre.org

Coordinator:
Public Research Centre Henri Tudor
Duration: 24 months
Starting date: 1 September 2014
Total budget: € 3.281.849
Public contribution: € 3.281.849 *
Contact: Dr. Djamel Khadraoui
djamel.khadraoui@tudor.lu
T: +352 4 259 912 286
** As not all grant agreements have been signed, some adjustments may still be made*

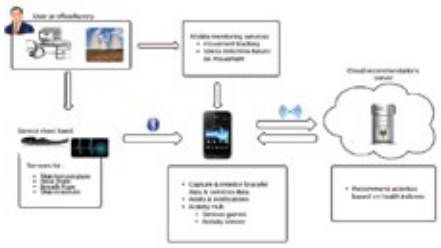
STAYACTIVE

Work With No Stress about the Stress

The main purpose of STAYACTIVE is the integration of state of the art sensor technology and behaviour stress detection with a mobile service that can recommend and present various relaxation activities "just-in-time" in order to allow them to carry out and solve everyday tasks and problems at work.

Users are involved during the whole project, starting from the user requirement phase to first lab evaluations of the low fi and high-fi prototypes (subsequent lab evaluations including participatory design approaches) and lastly during two field evaluations (at the end of the project to evaluate impact, experience, quality and added value, service and cost/business models as well as experience by users.

The results of the project will be the STAYACTIVE commercial prototype system and related services running on a central server. We may expect social impact in several areas, such as: keeping older workers motivated, remaining for longer in the employment system.



PARTNERS

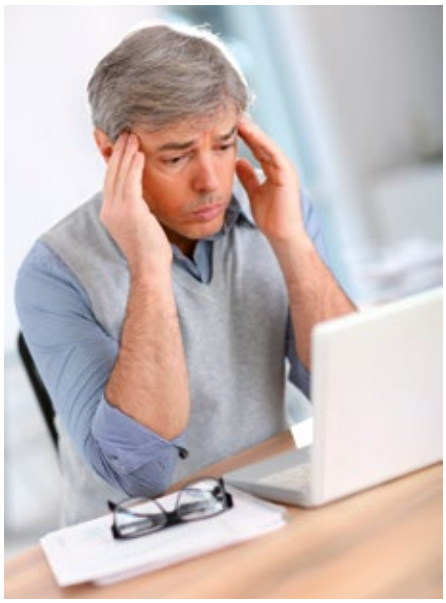
Teamnet International	Large enterprise	Romania	www.teamnet.ro
RGB Medical	SME	Spain	www.rgb-medical.com
University of Geneva	RTD	Switzerland	www.unige.ch
HI-Iberia Ingineria y proyectos SL	SME	Spain	www.hi-iberia.es
Ana Aslan Foundation	End-user	Romania	www.brainaging.ro
Elearning Studios	SME	United Kingdom	www.e-learningstudios.com

Coordinator:
Teamnet International
Duration: 30 months
Starting date: 1 April 2014
Total budget: € 2.679.021
Public contribution: € 1.536.395
Contact: Mirabela Ureche – Teamnet International
Mirabela.Ureche@teamnet.ro
T: +4 0725 348 336
Website: www.stay-active.net

TRANS.SAFE

Ambient Response to Avoid Negative Stress and Enhance Safety

TRANS.SAFE resorts to environmental monitoring, physiological monitoring and movement monitoring. The physiological data gathering system delivers heterogeneous sensor data both in the time domain and in the sensing modality. Each domain and modality requires own data analysis and pattern recognition techniques in order to obtain meaningful, reliable and robust parameters that can give credible evidence on the workload of the user. The solution to be developed manipulates existing light and sound stimuli at workplaces and adapts driver assistance systems for older persons in order to support decrease of distress (working overload), increase of eustress (cognitive performance), optimization of resting phases (recovery) and preventing of working underload as well as preventing of improper fatigue. The strategy is to include end users all phases and to grant access to workplaces (control centers, truck cockpits) for tests. Where end-user test-settings could pose a safety hazard, it is resorted to a simulated workplace environment.



PARTNERS

Lucerne University of Applied Sciences and Arts – Engineering & Architecture, CEESAR-iHomeLab	R&D	Switzerland	www.hslu.ch
Youse GmbH	SME	Germany	www.youse.de
Telecom Italia S.p.A.	Large enterprise	Italy	www.telecomitalia.com/tit/en.html
VAG Verkehrs-AG Nürnberg	End-user	Germany	www.vag.de
MAN Truck & Bus AG	Large enterprise	Germany	www.mantruckandbus.com
Scuola Superiore Sant' Anna	R&D	Italy	sssa.bioroboticsinstitute.it
konplan systemhaus ag	SME	Switzerland	www.konplan.com
Design LED Products Ltd	SME	United Kingdom	www.designledproducts.com

Coordinator:
Lucerne University of Applied Sciences and Arts – Engineering & Architecture, CEESAR-iHomeLab
Duration: 36 months
Starting date: 1 July 2014
Total budget: € 3.600.000
Public contribution: € 2.000.000
Contact: Martin Biallas
martin.biallas@hslu.ch
T: +41 413 493 599
Website: http://www.TransSafe.eu

WELLBEING

Optimizing the Workplace of Elderly Laborers: Be In Good Health!

The WELLBEING modules use a 3D sensor together with an RGB camera to provide feedback and to inform on how to change unhealthy situations (e.g. sitting position, malnutrition, too less water consumption, etc.). Due to the combination with social exergames, the motivation to use the platform is increased. Moreover, insurances and companies from Germany and Austria are already integrated in the advisory board and offer additional distribution channels.

End-Users are integrated throughout the project via telephone interviews (appr. 500 older adults at their workplace), questionnaires and interviews during the field tests (at least 55 older adults). Field pilots are split in phase A, including 5 lead users and a long-term test in phase B, lasting 12 months and including at least 50 elderly employees. Moreover, the system development is closely coupled to the field pilots as well as the end user requirement analysis ensuring a high amount of high quality feedback.

PARTNERS

CogVis Software und Consulting GmbH	SME	Austria	http://www.cogvis.at
Vienna University of Technology, Inst. for Computer Aided Automation 183	R&D	Austria	http://www.caa.tuwien.ac.at/cvl
AIMC Advanced Information Management Consulting GmbH	SME	Austria	http://www.aimc.at
Fitbase Institut für Online Prävention GmbH	SME	Germany	http://www.fitbase.de
Stichting Smart Homes	Research	The Netherlands	http://www.smart-homes.nl
Intrarom SA	End-user	Romania	http://www.intrarom.ro
ISOIN – Ingeniería y Soluciones Informáticas S.L.	SME	Spain	http://www.isoin.es
University of Vienna, Department of Sociology	End-user	Austria	http://www.soz.univie.ac.at/home

Coordinator:
CogVis Software und Consulting GmbH
Duration: 36 months
Starting date: 1 june 2014
Total budget: € 2.500.000
Public contribution: € 1.600.000
Contact: DI Michael Brandstötter, MSc
brandstoetter@cogvis.at
T: +43 12 360 580
Website: www.wellbeing-project.eu

NATIONAL CONTACT POINTS

COUNTRY	ORGANISATION	PERSON	CONTACT	DETAILS
Austria	The Austrian Research Promotion Agency	**Gerda Geyer**	+43 577 55 42 05	gerda.geyer@ffg.at
Belgium (Flanders)	Agency for Innovation by Science and Technology	**Alain Thielemans**	+32 2 432 42 44	at@iwt.be
Belgium (Wallonie)	Recherche et technologie Wallonie	**Nicolas Delsaux**	+32 (0)81 33 45 20	Nicolas.delsaux@spw.wallonie.be
Belgium (Brussels Capital)	INNOVIRIS	**Beata Bibrowska**	+32 2 600 50 22	bbibrowska@innoviris.irisnet.be
Cyprus	Research promotion foundation	**Iria Loucaidou**	+357 22 20 50 26	iloucaidou@research.org.cy
Denmark	Danish agency for science, technology and Innovation	**Jens Peter Vittrup**	+45 72 31 82 52	jpv@fi.dk
Finland	Finnish funding agency for innovation	**Vähä-Pietilä Kirsi**	+358 29 505 5730 +358 50 557 7730	Kirsi.vaha-pietila@tekes.fi
France	Agence Nationale de la Recherche	**Martine Batoux**	+33 1 78 09 80 20	martine.batoux@agencerecherche.fr
Germany	VDI/VDE Innovation + Technik GmbH	**Christian Wehrmann**	+49 30 31 00 78 197	christian.wehrmann@vdivde-it.de
Hungary	National Innovation Office	**Agnes Divinyi**	+36 1484 2957	Agnes.divinyi@nih.gov.hu
Ireland	Enterprise Ireland	**Ciaran Duffy**	+353 1 727 27 60	ciaran.duffy@enterprise-ireland.com
		Stephen O'Reilly	+353 21 480 02 17	Stephen.oreilly@enterprise-ireland.com
Israel	Israel-Europe R&D Directorate for FP7	**Ayala Karniol**	+972 3 511 81 90	ayala@iserd.org.il
Italy	Ministry of University and Research	**Irene Guglielmo**	+39 069 772 74 70	irene.guglielmo@miur.it
		Daniela Mercurio	+39 06 4893 9993	mercurio@apre.it
Luxembourg	Luxinnovation (private sector)	**Pascal Fabing**	+352 436 26 31	pascal.fabing@luxinnovation.lu
	National fund for research (public sector)	**Andreea Monnat**	+352 2619 25 53	andreea.monnat@fnr.lu
The Netherlands	ZonMW	**Geja Langerveld**	+31 703 49 51 58	langerveld@zonmw.nl
Norway	Research Council of Norway	**Vidar Sørhus**	+47 22 03 73 68 +47 97 51 47 89	vidar.sorhus@forskningsradet.no
		Tron Espeli	+47 22 03 70 00	te@forskningsradet.no
Poland	National Centre for Research & Development	**Wojciech Piotrowicz**	+48 785 66 14 76	wojciech.piotrowicz@ncbr.gov.pl
Portugal	Fundação para a Ciência a e Tecnologia(FCT)	**Elisabete Pires**	+351 211 11 96 00	Elisabete.Pires@fct.pt
Romania	UEFISCDI	**Ramona Simionescu**	+40 21 302 38 88	ramona.simionescu@uefiscdi.ro
Slovenia	Ministry of Higher Education, Science and Technology	**Alenka Tepina**	+386 614 00 32 45	alenka.tepina@gov.si
Spain	Ministerio de Industria, Energia y Turismo	**Berta Maure**	+34 913 46 25 40	BMAURE@minetur.es
	Instituto de Salud Carlos III	**Ignacio Baanante**	+34 918 22 25 76	ibaanante@isciii.es
		Teresa Chavarria	+34 918 22 21 24	tchavarria@isciii.es
Sweden	VINNOVA	**Johanna Ulfvarson**	+46 8 473 32 18	Johanna.ulfvarson@vinnova.se
		Marten Jansson	+46 8 454 64 59	marten.jansson@vinnova.se
		Marten Berg	+46 8 454 64 53	marten.berg@vinnova.se
Switzerland	State Secretariat for Education, Research and Innovation SERI	**Claire Dové**	+41 584 62 93 33	claire.dove@sbfi.admin.ch
United Kingdom	Technology Strategy Board	**Graham Mobbs**	+44 782 731 18 62	graham.mobbs@tsb.gov.uk
		Chris Sawyer		chris.sawyer@innovateuk.gov.uk

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JOINT PROGRAMME

AAL
AMBIENT ASSISTED LIVING

The Central Managment Unit (CMU)
AAL Joint Programme
Rue du Luxembourg, 3, 2nd floor
B-1000 Brussels
Belgium

+32 (0)2 219 92 25
info@aal-europe.eu
www.aal-europe.eu

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