USEFIL

Project ID: 288532
Funded under: FP7-ICT

Unobtrusive Smart Environments for Independent Living \nUSEFIL

From 2011-11-01 to 2015-02-28, closed project | USEFIL Website

Project details

<table>
<thead>
<tr>
<th>Total cost:</th>
<th>Topic(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUR 4 622 870</td>
<td>ICT-2011.5.4 - ICT for Ageing and Wellbeing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EU contribution:</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUR 3 376 999</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Coordinated in:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greece</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Funding scheme:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP - Collaborative project (generic)</td>
</tr>
</tbody>
</table>

Objective

The USEFIL project aims to address the gap between technological research advances and the practical needs of elderly people by developing advanced but affordable in-home unobtrusive monitoring and web communication solutions. More specifically, USEFIL intends to use low cost "off-the-shelf" technology to develop immediately applicable services that will assist the elderly in maintaining their independence and daily activities. Installation of the USEFIL system will not require retrofitting in a person's residence and will be almost invisible once installed. Thus we expect that it can be used in a wide variety of residential environments, which will be validated in three different field trial studies. Because the system will be "software driven," based on open source platforms, applications can be easily added or subtracted with no real limit to the overall number of services offered. Furthermore, USEFIL intends to provide guidelines for the community of technology developers to optimize future generation of applications for an ageing population. Within the domain of the USEFIL project, we will deploy systems and applications that can unobtrusively record elderly behavioural indicators such as cognitive decline, emotional status and health vital signs; supply information services in parallel; and provide the means to enable individuals to keep their social life active - all irrespective of an older person's mobility state. Technology implementation will be based on user acceptance and an understanding of user interactions that will truly address user needs. USEFIL aims to provide efficient and effective means of care delivery and increased adherence to medical recommendations and treatments by older patients. This should extend the time that older people can live independently in their homes while limiting increases in public expenditure. USEFIL has ambitious objectives. However, a strong and committed team, together with a solid governance structure, will ensure that it is capable of tackling this challenging and important research agenda - and maximizing market impact.

Related information

<table>
<thead>
<tr>
<th>Documents and Publications</th>
<th>Periodic Report for Period 2 - publishable summary part</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>P1 report - publishable summary part</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Multimedia</th>
<th>project logo</th>
</tr>
</thead>
</table>
Coordinator

"NATIONAL CENTER FOR SCIENTIFIC RESEARCH "DEMOKRITOS"
END OF PATRIARCHOU GRIGORIOU E AND 27 NEAPOLEOS STREET
15341 AGIA PARASKEVI
Greece

EU contribution: EUR 626 505

Activity type: Research Organisations

Administrative contact: HOMER PAPADOPOULOS
Tel.: +302106503037
Fax: +302106522623

See on map

Participants

TP Vision Belgium NV
TECHNOLOGIEPARK ZWIJNAARDE 19
9052 GENT
Belgium
EU contribution: EUR 120 574

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative contact: Eric Moons
Tel.: +32 50 455 877
Fax: +32 50 455 722

See on map

FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
HANSASTRASSE 27C
80686 MUNCHEN
Germany
EU contribution: EUR 403 650

Activity type: Research Organisations

Administrative contact: Andrea Zeumann
Tel.: +49 89 1205 2723
Fax: +49 89 1205 7534

See on map

Contact the organisation
UNIVERSITAET BREMEN
Bibliothekstrasse 1
28359 BREMEN
Germany
EU contribution: EUR 340 972

Activity type: Higher or Secondary Education Establishments
Administrative contact: Michael Lawo
Tel.: +49 421218 7824
Fax: +49 421 218 7196
Contact the organisation

TEKNIKANTIE 4 A
02044 VTT ESPOO
Finland
EU contribution: EUR 417 756

Activity type: Research Organisations
Administrative contact: Artem Katasonov
Tel.: +358401976669
Fax: +358207223499
Contact the organisation

ARISTOTELIO PANEPISTIMIO THESSALONIKIS
KEDEA BUILDING, TRITIS SEPTEMVRIOU, ARISTOTLE UNIV CAMPUS
54636 THESSALONIKI
Greece
EU contribution: EUR 412 781

Activity type: Higher or Secondary Education Establishments
Administrative contact: Georgia Petridou
Tel.: +302310995140
Fax: +302310853283
Contact the organisation

MACCABI SHEIRUTEI BRIUT FOUNDATION
HAMERED STREET 27
68125 TEL AVIV
Israel
EU contribution: EUR 434 260

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
Administrative contact: Rachelle Kaye
Tel.: +972 508800096
Contact the organisation
TP VISION EUROPE BV
PRINS BERNHARDPLEIN 200
1097 JB AMSTERDAM
Netherlands

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative contact: Arne Duwaer
Tel.: +31 6 2504 0268
Contact the organisation

PHILIPS CONSUMER LIFESTYLE BV
HIGH TECH CAMPUS 5
5656 AE EINDHOVEN
Netherlands

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative contact: Patrick Keur
Tel.: +31 40 2747980
Fax: +31 40 2747980
Contact the organisation

THE UNIVERSITY OF WARWICK
Kirby Corner Road - University House
CV4 8UW COVENTRY
United Kingdom

Activity type: Higher or Secondary Education Establishments

Administrative contact: Peter Hedges
Tel.: +44 024 7652 3716
Contact the organisation

Last updated on 2017-04-22
Retrieved on 2019-09-27

Permalink: https://cordis.europa.eu/project/rcn/100913_en.html
© European Union, 2019