ALFRED

Personal Interactive Assistant for Independent Living and Active Ageing

WP9 – Impact

D9.7.2: Collaboration Report

Deliverable Lead: ESE

Contributing Partners: All

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This second report details the collaboration activities with other European projects and other research activities that are planned or have been conducted throughout the ALFRED project. These different cooperation activities enable the ALFRED project partners to exchange knowledge and experiences with European stakeholders in the domain of ICT tools for active ageing.

SEVENTH FRAMEWORK PROGRAMME

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This deliverable is subject to final acceptance by the European Commission.

Disclaimer

Project Partners

Ascora GmbH, Germany	Atos Spain sau, Spain
Worldline, Spain	Charité - Universitätsmedizin Berlin - Department of Geriatrics, Germany
Asociacion de Investigacion de la Industria Textil, Spain	Technische Universität Darmstadt, Germany
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Executive Summary

This report details the ALFRED project's collaboration and clustering activities with EU events and with other research projects. This report is the second one of three collaboration reports for the ALFRED project that are due in the projects months M12 (D9.7.1), M24 (D9.7.2) and M36 (D9.7.3).

The aim of collaboration with other initiatives operating in the same fields as ALFRED (these fields are identified in the D9.7.1, section 3.1) is to benefit from their experiences and to put in place exchange of know-how and best practices in order to make the ALFRED system as successful as possible. In addition, these exchanges enable to establish common synergies in the same fields of interest and to work the topic further together in a framework of a workshop, a paper or a conference.

The achieved collaboration results are very encouraging for the project: by the end of the second project year, the ALFRED consortium has already collaborated with over 10 other projects, is a member of 4 European networks, has been presented in 5 workshops and conferences organized by other initiatives as well as taken part in European level events to meet with other initiatives. All the hard Key Performance indicators are detailed in Chapter 4.5. These clustering and collaboration activities have contributed to disseminating the ALFRED innovating and providing our consortium best practices from other projects. On the one hand, ALFRED has reinforced its European wide visibility and on the other hand, the partners have acquired a good overview of other international and local initiatives in the fields of active ageing and assistive technologies.

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1 Introduction

ALFRED – Personal Interactive Assistant for Independent Living and Active Ageing – is a project funded by the Seventh Framework Programme of the European Commission under Grant Agreement No. 611218. It will allow older people to live longer at their own homes with the possibility to act independently and to actively participate in society by providing the technological foundation for an ecosystem consisting of four pillars:

- **User-Driven Interaction Assistant** to allow older people to talk to ALFRED and to ask questions or define commands in order to solve day-to-day problems.
- **Personalized Social Inclusion** by suggesting social events to older people, taking into account their interests and their social environment.
- A more **Effective & Personalized Care** by allowing medical staff and caretakers to access the vital signs of older people monitored by (wearable) sensors.
- **Physical & Cognitive Impairments Prevention** by way of serious games that help the users to maintain and possibly even improve their physical and cognitive capabilities.

Within this deliverable the collaboration activities of the ALFRED project will be described. The aim of such activities is to reinforce the ALFRED project dissemination among the European stakeholders acting in the field of active and healthy ageing. Also, it aims at sharing experiences with similar projects and exchanging knowledge related to ICT-tools designed for older adults. Furthermore, the collaboration with related projects, networks, organizations and events will enable the ALFRED consortium to reinforce their understanding of other similar ongoing activities and to be better positioned in the European scene for active ageing.

1.1 ALFRED Project Overview

One of the main problems of western societies is the increasing isolation of older people, who do not actively participate in society either because of missing social interactions or because of age-related impairments (physical or cognitive). The outcomes of the ALFRED project will help to overcome this problem with an interactive virtual butler (a mobile device application also called ALFRED) for older people, which is fully voice controlled.

The ALFRED project is wrapped around the following main objectives:

- To empower older people to live independently for longer by delivering a virtual butler with seamless support for tasks in and outside the home. This virtual butler (the ALFRED app) aims for a very high end-user acceptance by using a fully voice controlled and non-technical user interface.
- To prevent age-related physical and cognitive impairments with the help of personalized serious games.
- To foster active participation in society for the ageing population by suggesting and managing events and social contacts.
- And finally, to improve caring by offering direct access to vital signs for carers and other medical staff as well as alerting in case of emergencies. The data is collected by unobtrusive wearable sensors monitoring the vital signs of ALFRED's users.

To achieve its goals, the project ALFRED conducts original research from a user centred perspective and applies technologies from the fields of Ubiquitous Computing, Big Data, Serious Gaming, the Semantic Web, Cyber Physical Systems, the Internet of Things, the Internet of Services, and Human-Computer Interaction. For more information, please refer to the project website at http://www.alfred.eu.

1.2 Deliverable Purpose, Scope and Context

The purpose of this deliverable is to sum all the collaboration activities that are planned to be carried out along the ALFRED project and to provide the results of the performed collaborative activities. The deliverable focuses on the relevant European research and innovation projects, networks and events that offer valuable experiences and knowledge for the ALFRED project. This is the second deliverable of the task 9.7 "Collaboration, Clustering and Cross-Disciplinary Cooperation" that resumes the activities carried out during the second project's year as well as details the related activity plans that will be realized and develop in the third and final year of the project.

1.3 Document Status and Target Audience

This document is listed in the Description-of-Work (DoW) as "public", as it provides general information about the goals and scope of collaboration and clustering activities in the ALFRED project and can therefore be used by external parties in order to get according insight into the project activities. While the document mainly aims at the project's contributing partners, this public deliverable can also be useful for the wider scientific and industrial community. This includes other publicly funded research and development projects, which may be interested in collaboration activities.

1.4 Abbreviations and Glossary

A definition of common terms and roles related to the realization of the ALFRED project as well as a list of abbreviations is available in the supplementary document "Supplement: Abbreviations and Glossary", which is provided in addition to this deliverable. Further information can be found at http://www.alfred.eu.

1.5 Document Structure

This deliverable is broken down into the following sections:
* Chapter 1 provides an introduction for this deliverable including a general overview of the project, and outlines the purpose, scope, context, status, and target audience of this deliverable.
* Chapter 2 summarizes the overall dissemination strategy of the ALFRED projects and relates it to the second project year.
* Chapter 3 details the collaboration plan and identifies the most relevant European research and innovation activities related to the new technologies and independent ageing
* Chapter 4 provides the collaboration activities results from the second project year.
* The conclusion highlights the planned future collaboration activities.

2 Status of the Collaboration Plan

This chapter recapitulates the fixed objectives for the collaboration detailing the aimed results for each project year.

2.1 2nd Project Year: Objectives of the Collaboration Plan

As stated in D9.7.1, the essential idea of the collaboration and clustering activities is firstly to create contacts with relevant European projects and events that operate in the similar field as the ALFRED project, and secondly to organize common events and activities with the different research projects. This kind of collaboration enables the ALFRED project to find synergies (i.e. common activities such as workshops or conferences) with other innovation and research initiatives, as well as to share experiences and knowledge in the related R&D fields.

The clustering activities offer a possibility for the ALFRED consortium to exchange with other relevant initiatives and to see what other solutions are targeting the European AAL market, which can help the ALFRED partners to identify the most important valued added of the ALFRED system compared to other solutions.

As illustrated in Figure 1, during the first project year, the specific goal of the collaboration activities was to get a deeper understanding about the running projects, events and conferences that are carried out in the field of adapted ICT services and solutions for healthy and active aging, which could offer collaboration opportunities (see D9.7.1).

The second project year focused on continuous monitoring of relevant initiatives and, more importantly, carrying out new activities enhancing the visibility of ALFRED in the European innovation spheres. As the second project year is the most intense period of the technical development of the ALFRED system, the initial goal for collaboration during this second year was to find activities with focus on the technological aspects, but as the collaboration opportunities were offered around different themes (also related to the exploitation and the end–user aspects), this focus was enlarged.

Project year 1
- Identification of the possible collaboration opportunities;
- Get a better understanding of the relevant projects, events and other collaborative stakeholders;
- Carry out the first collaboration actions and establish the first contacts.

Project year 2
- Lessons learnt from the first collaboration actions: new actions with the focus on the technological innovation aspects (when relevant);
- Monitoring and updating the collaboration activities database.

Project year 3
- Monitoring and updating the collaboration activities database;
- Planning and carrying out the collaboration actions with the focus on the pilot experiences and adapting the solutions for the market.
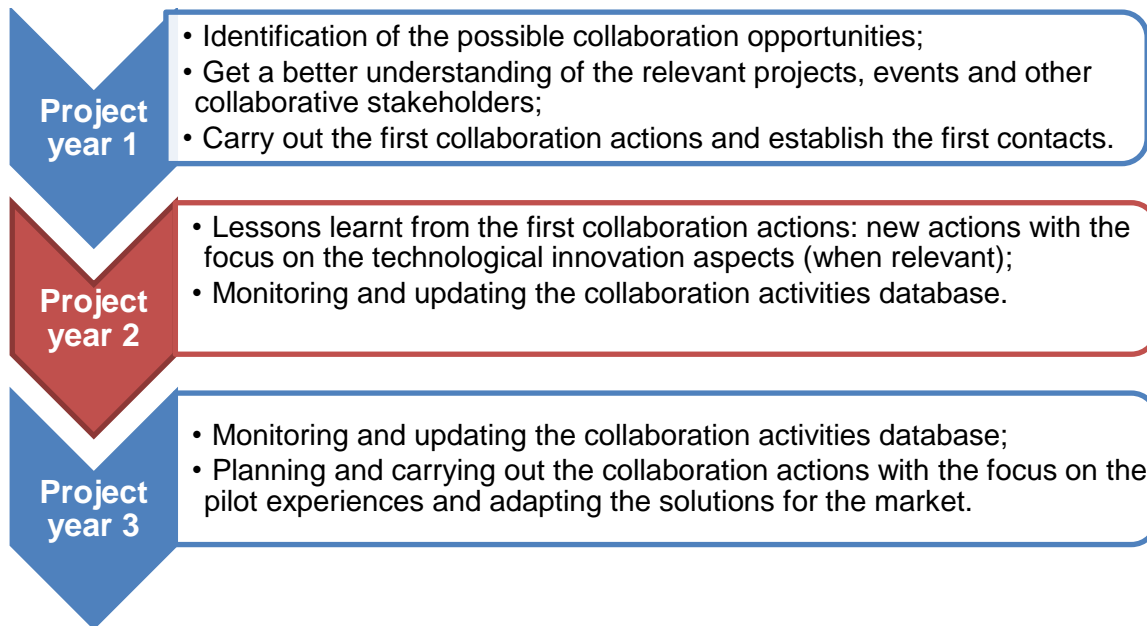
Figure 1: Collaboration Objectives for Each Project Year

3 Update: Identification of Collaboration Possibilities

D9.7.1 identified clustering opportunities (other EU projects, networks, conferences, etc.) for ALFRED. This chapter adds new findings to the already identified opportunities. As a result, the FP7 ICT Call 10 Objective 5 projects are not relisted in this document (see D9.7.1 chapter 3.1).

3.1 Research and Innovation Projects

The aim of this collaboration is to explore patterns and relationships between the project results in order to identify areas of commonality and shared interest across them. These collaborations have so far included organization of common events as well as participation in workshops and conferences (see section 4.1).

Table 1 (that has been updated since D9.7.1) lists other European and national level research projects that develop innovative solutions and services for active and innovation ageing and that are related to the ALFRED topic. The list focuses on ongoing projects that could be potential collaborative partners for the ALFRED project.

Table 1: Update of Relevant European and National Research and Innovation Projects

Project Name (funding framework)	Short Description	Relation with ALFRED (Pillar or WP)	Link
Projects at the European Level			
Connected Vitality	developing a technology that helps seniors to stay connected and socially included	Pillar II	www.connectedvitality.eu
GeTVivid	a supporting system for seniors that uses the existing technologies at their homes	Pillar I and II	http://getvivid.eu
AdriHealthMob	Adriatic Model of Sustainable Mobility in the Health & Care Sector	Pillar III	http://adrihealthmob.eu
Afe-Innovnet	setting up a Europe-wide community of stakeholders committed to finding innovative solutions that positively address demographic change	All	www.afeinnovnet.eu
EHLSSA	support and strengthen e-inclusion for seniors by offering new learning opportunities	User acceptance	www.ehlssa.odl.org

ehcoButler	an e-health platform which slows cognitive decline in the elderly	Pillar III and IV	www.ehcobutler.eu
ASSISTANT (AAL JP)	Develops a mobile assistant for older persons travelling in public transports	Pillar II	www.aal-assistant.eu
vASSIST (AAL JP)	Creates specific voice controlled home care and communication services for seniors and persons with motor skills impairments	Pillar I & III	http://vassist.cure.at
reAAL (ICT PSP)	Focuses on the open platforms that help achieving AAL market breakthrough	WP9	www.cip-reaal.eu
HAIVISO (FP7 ICT)	HAIVISIO aims at enhancing visibility and awareness of the results generated by eHealth, Active Ageing and Independent Living projects.	WP9	http://haivisio.eu
AgeingWell (ICT PSP)	The aim of the AgeingWell Network is to build and animate a European network focused on improving the quality of life of Elderly People by promoting the market uptake of ICT solutions for Ageing Well.	WP9	www.ict-ageingwell.net
SONOPA (AAL JP)	Develops a social network adapted for seniors and recommends targeted activities	Pillar II	http://sonopa.eu
TOPIC (AAL JP)	Creates a platform for caregivers of older persons and that enables to coordinate the care	Pillar III	www.topic-aal.eu
GAMEUP (AAL JP)	Game based mobility training and motivation for seniors	Pillar III	www.gameupproject.eu
AHEAD (AAL JP)	The project will make use of devices that elderly people have already adopted (eyeglasses and hearing aid) to keep an active and independent life	Pillar III	www.ahead-project.eu

Projects at the national level			
fMooc	Massive open online courses to promote physical activity in older adults	WP7/WP8	https://projekt.beuth-hochschule.de/fmooc/
LEVER	Serious games to prevent cognitive decline	WP7/WP8	www.lever-projekt.de
Vitanet	Educating seniors about health risks	WP6	www.vitanet.de
VIBE	Virtual assistant for seniors	WP7/WP8	www.mtidw.de/ueberblick-bekanntmachungen/mobil-bis-ins-hohe-alter/vibe
SMARTPATIENT	Providing health reminders for seniors	WP7/WP8	www.smartpatient.eu/de/smartpatient-gewinnt-mit-macss-konsortium-technologie-wettbewerb-des-bmwi/
HAKISA	Social network for seniors	Pillar II	www.hakisa.com
Gociety (SME)	Implementing innovative solutions into the market	WP9	www.gociety.eu

3.2 European Conferences and Exhibitions

The ALFRED partners continuously update a list of interesting conferences and workshops that could either be a location to carry out collaboration activities with other initiatives or be an opportunity to tie up new interesting contacts. Table 2 lists the major events in which the ALFRED consortium considers taking part in 2015 and 2016.

Table 2: Update of Relevant Conferences, Summits and Exhibitions

Event Name & Organisation	Short Description	Dates and Location	Link
AAL Forum 2015, AAL JP Association	The AAL Forum is the annual platform for the increasing European AAL community to meet and discuss several topics, relevant for improving the AAL JP as well as the adoption of AAL solutions in the market.	22/09 -25/09/2015 Ghent, Belgium	http://www.aal-europe.eu/forum-2015/
International Health and Wealth Conference	Event connecting Health and Wealth: the industries of healthcare, wellness, tourism, real estate, finance and wealth management, insurance, IT,	15/10– 17/10/2015 Algarve, Portugal	www.ihw-conference.com

	including all related cross-border opportunities		
ICT 2015	Innovate connect transform conference (ICT), exhibition and networking event organized by the European Commission	20/10 -22/10/2015 Lisbon, Portugal	http://ec.europa.eu/digital-agenda/en/ict2015-innovate-connect-transform-lisbon-20-22-october-2015
Connected Health Symposium	The Connected Health Symposium is a change-agent conference that promotes innovative thinking and the application of personal consumer health technologies to support new models of care delivery.	29/10– 30/10-2015 Boston, USA	http://symposium.connected-health.org/
The international technology enabled care conference 2015	Conference organized by Telecare service association (TSA), UK.	16/11– 17/11/2015 Newport, South Wales	https://www.eventsforce.net/exante/frontend/reg/thome.csp?pageID=10490&eventID=45&eventID=45
Digital Health and Wellness Summit (at Mobile World Congress 2016)	The summit will focus on the following topics: Mobile health Internet of Things (IoT) Wearables Active & healthy ageing Wellbeing Fitness & sport Smart cities Connected living Health IT	22/02– 25/02/2016 Barcelona, Spain	http://www.mobileworldcongress.com/
AAL Conference	The conference focuses on the topics, healthcare, AAL, demographics, mobility, personal autonomy	20/4 - 21/04/2016 Frankfurt, Germany	http://conference.vde.com/zl2016/Seiten/default.aspx
World Congress on Active Ageing 2016	This conference will prove to be the largest gathering of experts and stakeholders in the field of Active Ageing ever assembled	28/06 – 1/07/2016 Melbourne, Australia	http://wcaa2016.com.au
Annual Congress of the German Society for geriatrics	Healthcare in Geriatrics	03/09 – 05/09/2016 Frankfurt, Germany	www.dggeriatrie.de/frankfurt-2015.html
Annual congress of the German society for Gerontology and geriatrics	Biology of aging, Geriatric medicine, social and behavioural sciences in Gerontology, healthcare services for the elderly	07/09 – 10/09/2016 Stuttgart, Germany	www.gerontologie-geriatrie-kongress.org

International Society for Gerotechnology	The main theme will be Sustainable Humanity , as the innovative current meeting point in technology, services, activity, communication, robotics, housing, transports, health, care, environment, economy, law, ethics and politics worldwide.	28/09 - 30-09-2016 Nice, France	www.isg2016.org

3.3 Other Relevant Communities and Networks for Cooperation

Table 3 lists other relevant communities and networks that can offer valuable contacts and new clustering activity opportunities for the ALFRED project. Through these activities the consortium can identify additional key actors belonging to the industry, academy, public administration, end-users (both healthcare and social caregivers, and ageing people associations). The objective is to side with the needs coming from industry, public administrations and end-users, as well as to promote future research or business collaborations.

<div align="center">Table 3: Update of Relevant Communities and Networks</div>

Name	Short Description	More Information (link)
European Connected Health Alliance (ECHAlliance)	ECHAlliance is an International Network of Ecosystems bringing together communities connecting the whole range of health, wellbeing and social care stakeholders interested in developing a joint health agenda across a specific country or region	www.echalliance.com
AgeingWell Community	Community of persons and organisations interested in ICT & Ageing initiatives which aim at improving the quality of life of older persons.	http://ict-ageingwell.net
European Innovation Partnership for Healthy and Active Ageing (EIP AHA)	The European Innovation Partnership of Active and Healthy Ageing (EIP AHA) offers a platform where the different projects, acting in the field of active ageing, can disseminate their actions.	https://webgate.ec.europa.eu/eipaha/initiative
Networld2020 Community	NetWorld2020 is the European Technology Platform for communications networks and services.	http://networld2020.eu
NESSI	NESSI is the European Technology Platform (ETP) dedicated to Software, Services and Data with the overall aim is to enable the software and services sector help vitalize the great potential of the European economy and society.	www.nessi-europe.eu/default.aspx?Page=vision
European Innovation	(EIP-SCC) brings together cities, industry and	http://ec.europa.eu/eip/sma

Partnership on Smart Cities (EIP SCC)	citizens to improve urban life through more sustainable integrated solutions.	rtcities
International Society for Gerontechnology (ISG)	ISG encourages and promotes technological innovations in products and services that address older peoples' ambitions and needs on the basis of scientific knowledge about ageing processes including cultural and individual differences.	www.gerontechnology.info/index.php/journal/pages/view/isghome

Finally, D9.7.1 listed relevant academic journals but this list is removed from D9.7.2 as the academic publication efforts are allocated under task 9.4 "Academic and industrial dissemination". Consequently, the identified academic journals are listed in D9.4.2, section 2.6.2.

4 Achieved Collaboration and Clustering Results

This chapter details the achieved results for the second project year (since the beginning of October 2014 until the end of September 2015) corresponding to the reporting period of the deliverable.

4.1 Collaboration with European Innovation Projects

The first project year included the successful "MAIL" workshop organized in cooperation with other European projects and initiatives having around 50 participants. In consequence, the ALFRED partners decided to continue co-organizing other workshops for the AAL community and in 2015 E-Seniors represented ALFRED at the AAL Forum in Ghent (Belgium).

4.1.1 AAL Forum 2015 – Co-Organization of an Interactive Workshop

E-Seniors and the ALFRED project were invited by Markus Graschall, a researcher from the Innovation System Department in Austrian Institute for Technology, to co-host a workshop focusing on the user requirements aspects in the design process of the AAL solutions. The workshop entitled "Requirements meet solutions – How to successfully transfer stakeholder needs in AAL projects" was organized on the 23rd of September 2015 as a side event for the AAL Forum organized in Ghent. The goal of the workshop was to discuss with the audience the different techniques and the difficulties in the implementation of the AAL related requirements and to propose solutions for these difficulties.

A specific website[1] for the event promotion was created by the leading organiser Markus Garschall, Expert Advisor at the AIT Austrian Institute of Technology.

E-Seniors (Mona Marill) represented ALFRED in the key note presentations, and five other European research projects were represented by the keynote speakers' presentations:

- **vAssist[2]**, an AAL project, was presented in the 2014 MAIL workshop. This project was represented by Markus Grashall from AIT.
- **Connected Vitality[3]**, an AAL project developing a system that helps seniors to stay connected and socially included. This project was represented by Katja Neureiter from Department of Computer Science, University of Salzburg.
- **GeTVivid[4]**, an AAL project, builds a supporting system for seniors that uses the existing technologies at their homes. This project was represented by Christiane Moser from the Center for Human-Computer Interaction, University of Salzburg.
- **PERSSILAA[5]**, a FP7-ICT project, creates a service for screening for frailty among older adults.
- **eWall[6],** a FP7 project, develops an affordable, easy-to-install prefabricated wall supporting seniors with memory troubles. PERSILAA and eWall were both represented by Lex van Velsen is a senior researcher at Roessingh Research and

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[1] http://aalforum2015.tech-experience.at
[2] http://vassist.cure.at
[3] www.connectedvitality.eu
[4] http://getvivid.eu
[5] https://perssilaa.com
[6] http://ewallproject.eu

Development (Telemedicine cluster) and a researcher at the Biomedical Signals and Systems groups (Faculty of Electrical Engineering, Mathematics and Computer Science) at the University of Twente, The Netherlands.

The four key-note presentations covered the following topics:

- The multidisciplinary aspect in the communication of requirements. PERSIILAA and eWall were used as examples.
- The different possibilities of tools helping to communicate the gathered user requirements for all the project partners; Personas and Use Cases from ALFRED were used as examples.
- How to ensure the implementation of user requirements in the development process, and examples were driven from Connected Vitality.
- Lessons learnt from failures regarding the communication and implementation of user requirements.

After the keynote speakers, the participants were invited to discuss in small groups about their experiences in the projects and the work with user requirements. These fruitful discussions will be wrapped in a conclusion paper of the workshop that will be published in October 2015 on the workshop's website. Finally, the organisers, which were very satisfied with the workshop results, agreed to continue their cooperation.

4.1.2 Description of Recently Contacted Projects

In addition to the collaborative projects from the AAL Forum 2015 workshop, the ALFRED consortium maintained and created contact with other projects.

The ALFRED partners continue their collaboration with the **Haivisio**[7] project for which the primary goal is to create synergies between European projects in field of assistive technologies for active ageing. Notably, a partner from ATOS participated in a second Haivisio workshop (see section 4.2.1). Also, the partners are continuing to follow up and to participate in the proposed events by Haivisio in the field of silver economy.

The "Adriatic Model of Sustainable Mobility in the Health & Care Sector" (**AdriHealthMob**) project operates under the IPA Adriatic Cross Border Cooperation Programme. This project consortium contacted the ALFRED coordinator in spring 2015 as they had identified a group of innovative EU projects and practices in the health, care and mobility sector. In consequence, the ALFRED representative joined the international conference organized in Ancona (Italy) on 7-8th September 2015 to present their projects (see section 4.2.4.

ALFRED joined the initiative repository of **Afe-Innovnet**[8]**,** an ICT-PSP project setting up a Europe-wide community of local and regional authorities, companies, civil society organisations, universities and other actors committed to finding innovative solutions that positively address demographic change. Its Thematic Network gives free access for ALFRED partners to webinars on age-friendly related issues, a repository of innovative and evidence-based solutions as well as to a toolkit to assess the socio-economic impact of age-friendly environments (ready in 2015).

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[7] http://haivisio.eu
[8] www.afeinnovnet.eu

4.1.3 Exchanges with Other Projects

Thanks to the ALFRED consortium's presence at various European-level events (see section 4.2), the ALFRED partners have tied contacts with other European projects that are interested in collaboration. These projects are the following:

- "**FI-STAR, open platform for e-Health services**"[9] funded under the FP7 programme and focusing on developing eHealth services
- "**RENEWING HEALTH: Telemonitoring of Chronic Patients**"[10] that is funded under the CIP / ICT-PSP programme
- **LiveWell**[11] is also a European project, funded under LIFE+ programme and focusing the health of seniors via the nutrition,
- In addition, a partner from the **BRAID** project[12] which ended in 2012 and developed a comprehensive Research and Technological Development (RTD) roadmap for active ageing, recommended the ALFRED partners to explore and exploit the project main outcomes (i.e. papers and publications) related to the adapted technologies for the active ageing.

The ALFRED consortium keeps a database of contacts and will update it with interesting projects for any potential future collaboration.

4.2 Participation in European Conferences and Workshops

During the second project year, the ALFRED project was invited to take part in several international conferences and workshops to present its' innovation to other similar projects and stakeholders in the field of assistive technologies and active ageing. This chapter details the conference and workshop collaboration experiences of the second project year.

4.2.1 Haivisio workshop at "12th European Week of Region and Cities"

On 9 October 2014, ALFRED was represented by ATOS in the workshop "How to implement new solutions for active ageing, eHealth and independent living" during the 12th European Week of Regions and Cities – Open Days in Brussels. This workshop was organized in the framework of Haivisio, another European FP7 which the ALFRED consortium identified during the first project year.

The event was moderated by ATOS and gathered important European stakeholders such as projects, local authorities and industrials. This gathering enabled the participants to hear about new AAL and eHealth initiatives carried out in the different parts of Europe and to brainstorm together how these solutions could be more efficiently taken-up in the European market. The Haiviso website[13] provides videos of the keynote presentations. In addition, the minutes and the participants list can be found in Annex 1.

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[9] www.fi-star.eu/fi-star.html
[10] www.renewinghealth.eu
[11] http://livewellforlife.eu
[12] www.braidproject.eu
[13] http://haivisio.eu/haivisio-workshop-in-brussels

4.2.2 Ageing Wealth Conference

ALFRED was invited to join the international "Aging Wealth" conference through the EIP AHA online platform. This conference which was co-funded under the European Health Programme (2007-2014) focused on services, technologies and innovative solutions to improve healthcare management and living conditions of patients affected by chronic and rare disease (see the official invitation in Annex 4).

Foundation Democenter[14], that is an Italian structure aiming to create collaborating between researchers and businesses together, organized this conference that took place in Mirandola, Italy, on 16th and 17th of October. Marta Ribeiro from IESE Business School attended the conference on behalf of the ALFRED partners, and she was also a member of the Steering Committee. During the two-day event, participants presented and discussed new services and technologies to improve healthcare management and living conditions for patients. Marta Ribeiro presented the ALFRED project with a focus on the business model development and exploitation plan for ALFRED.

This venue was an excellent opportunity for ALFRED to meet with other European projects as an important part of the presentations was devoted to chosen examples of EU initiatives and projects. Christine Petioky from the Vienna Social Fund gave a talk on the project "SPES – Support to Patients through e-Services" with a focus on the services adapted to older persons with dementia. The SmartCare Project and the regional strategies for integrated care delivering in Trieste were presented by Gian Matteo Apuzzo. The EIP-AHA – European Innovation Partnership of Active and Healthy Ageing and the AGE platform were also present. See the detailed minutes in Annex 3.

4.2.3 International Conference for Elderly and Technology in Castellon

The partners from a European project EHLSSA[15], intending to support and strengthen e-inclusion for seniors by offering new learning opportunities, invited E-Seniors to give a general presentation of the ALFRED project in an international conference[16] for Elderly and Technology that was organized in Castellon (Spain) on the 13th and 14th of May 2015. The conference focused on presenting different technologies designed for seniors and demonstrating how these ICT-tools can improve their everyday living. The event was a valuable possibility to the ALFRED consortium to present their innovation for a European audience and to hear about other projects that are implemented in the different regions. The detailed conference agenda is attached in Annex 2.

4.2.4 Quality of Life Technology Conference in Italy

WORLD represented ALFRED in the international conference "Quality of Life Technology: Good Practices and Funding opportunities"[17] organized in Ancona (Italy) on the 7th and 8th of September 2015. Polytechnic University of Marche (UNIVPM) organized the conference under a Cross Border Cooperation project entitled "Adriatic Model of Sustainable Mobility

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[14] www.democentersipe.it
[15] www.ehlssa.odl.org
[16] http://mayores-nt.uji.es
[17] http://adrihealthmob.eu/events/event/15-international-conference-quality-of-life-technology-good-practices-and-funding-opportunities

in the Health & Care Sector (AdriHealthMob)"[18], within IPA Adriatic Cross Border Cooperation Programme.

The conference was conceived for knowledge sharing and network building as well as for presentation of EU strategies and programmes under different EU Funding Schemes.

To enable fruitful networking among different initiatives, different speakers were invited to present solutions based in cutting-edge technologies on tele-assistance, tele-medicine, home automation systems and integrated networks of home services.

The ALFRED presentation aimed to introduce the project; its goals and methodologies as well as the first prototypes delivered and the feedback of the older users after the pre-testing phase. A poster was also presented including a summary of the ALFRED project (see Annex 6).

After the presentations, the participations raised some concerns and challenges regarding the development of solutions (such as lack of uniformity in regulations, insufficient funding or difficulties to identify standard technologies). All the speakers shared the common vision that the presented solutions could be the foundations of the future health systems.

The representative of ALFRED tied new contacts with stakeholders active in the similar fields of innovation (i.e. assistive technologies and mHealth). These contacts can be used for the project Year 3 collaboration activities. The minutes are included in Annex 7.

The conference was concluded with a presentation of various funding programs, some specific to the Adriatic area, others targeted at the whole European Union.

4.3 Involvement in International Platforms and Networks

During the second project year, the ALFRED consortium maintained the contact with the already connected networks and also kept monitoring new opportunities.

EHCAlliance[19] is a recently contacted European community that gathers stakeholders in the field of healthcare. EHCAlliance proposes to ALFRED partners to join individually their community to benefit from their events, meetings and dissemination of the project results through their platform. E-Seniors is now member of this community and aims to disseminate ALFRED results in their platform.

As detailed in the D9.7.1, ALFRED is still a supporting member of **Ageing Well**[20] community. During the second project year, the ALFRED partners have used the network to monitor relevant events in the field of technologies for active ageing as well as for updating the potential projects database for collaboration.

The ALFRED partners have continued monitoring the news and events proposed by the **EIP-AHA** *(European Innovation Partnership for Healthy and Active Ageing)* network. Also, thanks to our presence at the network's initiative marketplace[21], the organiser of Aging Wealth Conference (see chapter 4.2.2) invited ALFRED to join the conference and be part of the steering group committee.

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[18] www.adriaticipacbc.org
[19] www.echalliance.com
[20] http://ict-ageingwell.net
[21] https://webgate.ec.europa.eu/eipaha/initiative/index/show/id/378

Finally, as described in the D9.7.1, the ALFRED consortium is a Support Member of **Networld2020**[22] but for the moment there have not been any new collaboration activities with this community – the partners will continue monitoring all opportunities.

4.4 Other Activities

On the top of the activities carried out with other European projects and networks, the ALFRED consortium partners have contacted different structures that operate in the field of ambient assisted living technologies. The goal of this type of contacts is to firstly present our project to the external stakeholders and secondly to be able to compare other technological initiatives that are done in the field in order to sharpen the idea how the ALFRED system could be positioned in the European market. During the second project year, an international robotic company was met, the following sub section details this meeting.

4.4.1 Meeting with Aldebaran – Multinational Robotics Company

Aldebaran is a multinational company designing, developing and selling humanoid robots. As the company head quarter is based in Paris, E-Seniors organized a face-to-face meeting in order to better understand what kind of robotic solutions the company creates and for whom. Within 10 years the company has grown from a small start-up into a multinational company having over 400 employees and funded by a big telecom enterprise from Japan (Softbank). This business case is very encouraging for ALFRED, demonstrating that with innovative and pioneering technological systems, the system creators could attire the attention of the researchers that work in the relevant fields (i.e. eHealth, ambient assisted technologies, serious games etc.) and then bring the innovation even for larger customer groups. This is an aspect that the ALFRED partners could keep in mind while working on the exploitation plan. These insights are likely to extend beyond physical robots to virtual assistants such as ALFRED.

The detailed minutes of the meeting are found Annex 8.

4.5 Key Performance Indicators for Collaboration

Table 4 lists the defined key performance indicators for task 9.7 enabling to follow up that the ALFRED partners reach the fixed goals for clustering and collaboration activities. As all the project partners contribute in the collaboration task, the results achieved by the end of the second project year are very satisfying and a good launch for the final project year.

Table 4: Collaboration KPIs - goals and results

Collaboration Activity type[23] (Metrics)	KPI Goal (by the end of the project)	Reached KPI (at the end of the 2nd project year)
# collaborations with other EU projects	15	11

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[22] http://networld2020.eu

[23] All the cited activities are running in the relevant fields for ALFRED: AAL, eHealth, ICT for active ageing etc.

# collaborations with European networks/ communities	6	4
# participation in conferences organized by other initiatives	5	3
# participation in workshops organized by other initiatives or co-organized with other initiatives	3	2
# participation in exhibitions to meet other initiatives	3	1
# publication of a paper or poster	1	0
# meetings with other initiatives	3	1

5 Conclusion

The ALFRED consortium has been dynamic in setting up collaborative activities. Thanks to the important European wide contact network of the consortium and to membership in various virtual communities, the partners have been invited to different events and venues, which have issued fruitful collaborations.

Though the synergies established with other international initiatives acting in the fields of eHealth and assistive technologies, the ALFRED project has not only gained European wide visibility but also got a deeper understanding of its potential position in the European market. The ALFRED consortium has worked with other projects developing technologies for older adults, exchanging know-how in the field of user requirements, exploitation and technological development of Apps for seniors. These exchanges have indicated that the ALFRED project is taking the right direction in the European market of wellness solutions designed for seniors, and it is raising interest among the different stakeholder groups. Finally, the clustering and collaboration activities have also reinforced the general dissemination of the ALFRED project among various stakeholders (scientific community, industrials, end-users etc.).

For the moment, there are already some foreseen collaboration events for the final project year: the second ALFRED workshop will be organized and the contacts for collaboration will hopefully make this workshop even more successful. Also, the partners will participate in ICT 2015 which will be a valuable occasion to meet and exchange with other projects as ALFRED will be showcased a flagship project. Finally, ESE will organise a big event called "Ageing is Fun" gathering innovative start-ups and projects proposing motivating ICT tools for seniors. ALFRED will be presented at the event in order to meet these other initiatives as well as the different target groups. The final clustering and collaboration report (D9.7.3) will report these results.

Annexes

Annex 1: Minutes from Haivisio Workshop / October 2014

Workshop: Paving the way for eHealth, active ageing and independent living products and services generated by European Research & Innovation projects

On 9 October 2014, ATOS, through the FP7 project HAIVISIO, organised a workshop on how to implement new solutions for active ageing, eHealth and independent living during the **12th European Week of Regions and Cities – Open Days in Brussels**.

Workshop participants representing local and regional authorities, other European project and industry gathered in the Charlemagne building of the European Commission to listen to experts in the area of facilitating innovations for healthy ageing and learn about products and services generated by European research projects as well as to discuss how to set common strategies for dissemination and exploitation activities and facilitate collaboration environments. About 150 participants registered to the workshop.

Chairperson / Moderator

Blanca Jordan, Health Sector Manager, Research and Innovation, at ATOS Spain. In addition to open the workshop and chair the discussion, she carried out an introduction about the project HAIVISIO and mentioned several projects that work on workshop topics. She was also the representative of the ALFRED project in the workshop.

Speakers:

Peteris Zilgalvis, Head of Unit eHealth and Well Being at the European Commission's DG Connect, spoke about the importance of finding synergies between EU funded projects and explained how the EC funding programmes Horizon2020 and ESIF relate to one another. He pointed out the key differences between the programmes, but also stressed that synergies can be found to help the take-up of eHealth solutions.

Markku Markkula, Member of the Commission for Economic and Social Policy of the Committee of the Regions talked about innovation networks and ecosystems that enable new ways of knowledge as well as the creation the real enablers for systematic change based on smart specialisation.

Anne-Sophie Parent, Secretary-General at AGE Platform Europe, presented the AFE-INNOVNET and talked about how it supports the European Innovation Partnership on

D9.7.2 - Collaboration Report.docx	Document Version: 1.0	Date: 2015-09-30	Status: For Approval	Page: 26 / 41
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Active and Healthy Ageing through setting up a large EU wide community of local and regional authorities and other relevant stakeholders who want to work together to find smart and innovative evidence based solutions to support active and healthy ageing and develop age-friendly environments.

Rodd Bond, Director of the Netwell Centre at the Dundalk Institute of Technology, then gave a presentation on HAIVISIO, and focused on investments and project results. He emphasized HAIVISIO's work with communications and synergy exploration and discussed the communications and exploitation challenges based on a review of active projects in the HAIVISIO network (such as ALFRED).

List of participants:

1. University of Stavanger;
2. Aur-agenzia Umbria ricerche ;
3. Oulu University of Applied Sciences;
4. Social scientist/Business Development Manager ;
5. Medical University of Lodz;
6. AGE Platform Europe;
7. MIDI-PYRENEES EUROPE;
8. ACRE Action with Rural Communities in England;
9. Suffolk County Council;
10. WOW;
11. Stockport Council;
12. VUB;
13. EURORDIS;
14. European Construction Technology Platform;
15. Ale kommun;
16. Peterborough City Council;
17. GroenLinks Drenthe;
18. Lower-Normandy Brussels Office;
19. Vrije Universiteit Brussel;
20. FUNDECYT Science and Technological Park of Extremadura;
21. Provincie Vlaams-Brabant;
22. Ile-de-France Europe;
23. Development centre of the Heart of Slovenia;
24. Ecomit Consulting S.L.;
25. Emilia-Romagna Region;
26. Verein für Menschen mit Körperbehinderung e.V.;
27. Heseltine Institute, University of Liverpool;
28. Kirklees Council;
29. Vrije Universiteit Brussel (Adult Education Sciences);
30. Praxis Care;
31. REGION OF THESSALY;

32. Arnhem Nijmegen City Region;
33. GENERAL DIRECTORATE OF EXTERNAL ACTION – REGIONAL GOVERNMENT OF EXTRAMDURA ;
34. Eurodite;
35. Amadora City Council;
36. DHI - Digital Health Institute;
37. Vrije Universiteit Brussel;
38. COMET INTERREG Partnership;
39. EuroHealthNet;
40. Nofer Institute of Occupational Medicine;
41. The Regional Council of the Moravian-Silesian Cohesion Region;
42. EUROPEAN COMMISSION;
43. NI Executive;
44. Languedoc-Roussillon Region ;
45. Angus Council;
46. East of England European Partnership;
47. Belfast City Council;
48. XUNTA DE GALICIA;
49. Skåne Association of Local Authorities;
50. CASTILA Y LEÓN DELEGATION TO EU;
51. Castilla y León Permanent Delegation;
52. T-Systems Hungary Ltd.;
53. AGE Platform Europe;
54. managing authority digital convergence;
55. Norfolk County Council;
56. CEN/CENELEC SFEM;
57. EURES-T Oberrhein/Rhin Supérieur;
58. TICBioMed;
59. Lividia Ltd.;
60. Ministry of Economy;
61. Technical University of Denmark;
62. Gjesdal kommune;
63. Euro PA;
64. COMET INTERREG Partnership;
65. Wiltshire Council;
66. Municipality of Gävle;
67. Municipality of Hengelo;
68. Skåne Association of Local Authorities;
69. Karelia University of Applied Sciences;
70. Invest NI;
71. EUREGHA;
72. Skåne European Office;
73. Smart Consulting Cluster;
74. University of Hull;
75. REGION OF CENTRAL MACEDONIA;
76. Verein für Menschen mit Koerperbehinderung Nuernberg e.V.;
77. Intermediary Managing Authority, Region of Central Macedonia;
78. Intermadiate Managing Authority of Crete;

79. Skåne European Office;
80. Metropolia Silesia;
81. INTERMEDIATE MANAGING AUTHORITY OF CRETE REGION;
82. Cardiff University;
83. TIDEA;
84. Slovak Liaison Office for Research and Development ;
85. Agfa HealthCare;
86. International Society for Telemedicine & eHealth;
87. Ass. FORMA.Azione srl;
88. East and North Finland EU Office ;
89. IDConsortium;
90. AALA;
91. Cumbria County Council;
92. The Castalian Pool;
93. UAB "Civitta";
94. Region of Central Macedonia, Regional Development Fund;
95. Microsoft;
96. Malopolska region;
97. Trainee2013;
98. Orange;
99. municipality of Leiden;
100. South Denmark European Office;
101. Gävle Municipality;
102. EU Office Government of Andalusia;
103. Regional Specialist Hospital in Biała Podlaska;
104. St. Anne's University Hospital Brno - International Clinical Research Center;
105. European Patients' Forum;
106. Università Cattolica del Sacro Cuore;
107. Bureau Aquitaine Europe;
108. MEDEA;
109. Sviluppo Marche Spa;
110. ERFC _ European Regional Framework for Co-operation;
111. Estonian Academy of Security Sciences;
112. Kommunförbundet Skåne;
113. Riga city council;
114. Scotland Europa;
115. The Municipality of Tjörn;
116. NEEHP;
117. Karelia University of Applied Sciences;
118. GIRP European Association of Pharmaceutical Full-line Wholesalers;
119. Philips;
120. REM Consult;
121. Mikkeli Region Business Development Centre Miset Ltd.;
122. Region of Central Macedonia, Regional Development Fund;
123. Medical University of Lodz;
124. ECHMI S.A.;
125. Digital Northern Ireland 2020;
126. Apstram ASBL;

127.   OFFICE OF THE MARSHAL OF THE MAZOWIECKIE VOIVODESHIP (MAZOVIA REGION);
128.   Regional Labour Office Olsztyn;
129.   Malopolska region;
130.   European Parliament;
131.   Council of European Municipalities and Regions;
132.   Oulu University of Applied Sciences;
133.   Eurosidus;
134.   Pohjois-Pohjanmaan liitto;
135.   Technopolis;
136.   Arsenàl.IT;
137.   Urban Planning Institute of the Republic of Slovenia;
138.   Pharmaceutical Group of the European Union;
139.   Medical University of Lodz;

Annex 2: Minutes from the 4th international conference on the Elderly and New Technologies

4th International conference on the Elderly and New Technologies

The 13th and 14th of May 2015, Castellon, Spain
Organiser: Senior Citizens' University de Jaume I University

Day 1, Wednesday the 13th of May 2015

16:00 Opening Ceremony, Welcome: Salvador Cabedo. Academic Director of the Senior Citizens' University
Opening Speach of Sonia Hetzner. Institute for learning innovation. Friedrich-Alexander Universitat. Erlangen-Nuremberg. Germany
 "Innovations on the adults and senior citizens' education"
17:30 Mireia Fernández-Ardèvol
"WhatsApp, why not? A reflection on aged-based stereotypes"

18:00 Daria Kyslitska
"The online platform for Informal Caregivers; Personal Interactive Assistant for Independent Living and Healthy Ageing"e-Seniors. París

18 :30 Miguel Chover

"How to create videogames without programming. Innovative uses of the games; learning creating, learning playing, family learning"

19:00 Show Choir performance Senior Citizens' University

Day 2, Thursday the 14th of May 2015

09:30 Session Opening
10:00 Patrizia Papitto, E-Seniors, Paris

"ALFRED: Personal interactive assistant for independent living and active ageing" e-Seniors. Paris

10:30 Cathy Fowley, Carmel Conroy

"Intergenerational Learning in ICT classes: multigenerational communities of learning" Intergenerational Learning Programme. Dublin City University. Ireland

11:30 Cristina Vilaplana Prieto

"Influence in the Universitary programmes for senior citizens of the cognitive efficiency" Universidad de Murcia. Murcia, Spain

12:00 Nasreen Rustomfram, Vibha Singh

"Motivation of pursuing further Education among Older Adult learners" Tata Institute of Social Sciences, Mumbai, India

12:30 Anne-Marie Lipphardt, Anna Slyschak

"Virtual learning for senior citizens. European Elderly Home Learning Service", Friedrich-Alexander Universitat. Erlangen Nuremberg. Germany

13:00 Workshops / Practical sessions

Researchers / Practitioners workshops:

- EHHLSA project: learning from home; on-line virtual classrooms (room JAA1002AA)
- SG4Adults: learning playing for entrepreneurship life skills
- EduEval: Evaluation on adult education institutions

Annex 3: Minutes from Ageing Wealth Conference

Ageing Wealth Conference
16-17 October 2014
Mirandola, Italy

Following an invitation from the organizers, the Foundation Democenter, the ALFRED project was presented in the Conference Ageing Wealth that took place in Mirandola, Italy, on 16th and 17th of October. Marta Ribeiro, from IESE Business School, attended the conference on behalf of the ALFRED partners, and she was also a member of the Steering Committee.

During the 2 days program, there were three main topics: chronic disease management, technologies and solutions for independent living, and disease prevention. The conference featured experts from all over Europe among associations of patients, research centers, hospitals and private companies, which discussed different perspectives on Ageing and healthcare management. User views, standards and legal aspects and best practices from different European regions were some of the themes addressed. Participants presented and discussed new services and technologies to improve healthcare management and living conditions for patients.

Marta Ribeiro presented the ALFRED project with a focus on the business model development and exploitation plan for ALFRED. The presentation raised some questions, namely on how the patients/users are being involved and taken into account and on the type of standards and certifications that would apply to ALFRED. Apart from a strong presence of the local Italian main players, as the Scientific Coordinator of Mirandola Technopole Aldo Tomasi and the Representative of Democenter-Sipe Fondation Medical Sector Giuliana Gavioli, the European arena was very well represented. Thomas Olesen introduced some lessons from the market in EU and USA where Qualcomm Inc is operating, models for chronic disease management were discussed by Joana Amengual and by Stuart Anderson, which presented the innovative Chronic disease management model of Basque Country and models for redesigning health and care systems, respectively. An important part of the presentations was devoted to some EU initiatives and projects. Christine Petioky from the Vienna Social Fund gave a talk on the project SPES – Support to Patients through e-Services with a focus on the services provided that meet the needs of older persons with dementia. The SmartCare Project and the regional strategies for integrated care delivering in Trieste were presented by Gian Matteo Apuzzo. The EIP-AHA – European Innovation Partnership of Active and Healthy Ageing and the AGE platform were also present. The meeting finished with a networking lunch where ways to use this event as a trigger to future collaborations were discussed, which was followed by the fifth and final plenary session entitled Capitalizing on Conference network. Indeed, this meeting showed to be a very interesting place to discuss some of the main challenges of healthcare management in the ageing population, and has the potential to lead to future collaborations.

Annex 4: Official invitation for Ageing Wealth Conference

Annex 5: ALFRED Poster from Quality of Life Technology Conference

Annex 7: Minutes from "Quality of Life Technology" Conference

International Conference

QUALITY OF LIFE TECHNOLOGY – GOOD PRACTICES AND FUNDING OPPORTUNITIES

7 – 8 September 2015

**Università Politecnica delle Marche – Aula del Rettorato
Piazza Roma 22**

Monday 7th September

Wellcoming Plenary Session

Chair Professor Marco Cucculelli

9.30 – The role of the Polytechnic University of Marche in the development and promotion of innovation and international cooperation
Sauro Longhi, Rector Polytechnic University of Marche and Scientific Responsible of Adrihealthmob for UNIVPM

9.40 - The role of Marche Region in promoting research and innovation projects in the Adriatic – Ionian Macro-Region
Manuela Bora, Marche Regional Councillor

9.50 - The long-term commitment of the Forum of the Adriatic and Ionian Chambers of Commerce in the Adriatic - Ionian Macro-Region project
Rodolfo Giampieri, President of the Forum of the Adriatic and Ionian Chambers of Commerce (AIC)

10.00 – Video presentation of Adihealthmob
Cooss Marche, Eralba Cela & Francesco Ferracuti

Best Practices on Ageing, Health, ICT and Mobility

10.35 - "Integrating European research on Ageing: the Futurage Road Map and some of its most recent applications"
Giovanni Lamura - INRCA (IRCCS) – Italian National Institute of Health & Science on Ageing, Italy

10.55 – "CASA: Regions for Smart Living"
Fabian Dominguez, Social Affairs and Public Health Attaché to the European Union, Department of Welfare, Public Health and Family, Government of Flanders, Brussels

11.15 – "AGES 2.0 – Activating and Guiding the Engagement of Seniors through social media"
Lucia Di Furia, March Regional Health Agency, Italy

11.35 – "The BRAID roadmap: harnessing ICT to promote Aging with dignity"
Una Lynch, Sonrisa Solutions Limited, Banbridge United Kingdom

11.55 – "ALFRED - how a virtual butler can offer personalized services for older adults?"
Emilia Garcia, Worldline, Spain

12.15 – 12.40 Discussion

Chair Professor Emanuel Frontoni

14.00 – "WIDER - Green Growing of SMEs: Innovation and Development in the Energy Sector in Mediterranean Area"
SVIM - Sviluppo Marche SpA, Italy

14.20 – "FI-STAR, open platform for e-Health services. The case of management of COPD in Emilia Romagna"
Stefano Nunziata, Funzione Analisi e Progettazione CUP 2000, Bologna, Italy

14.40 – "LiveWell - Promoting Healthy Living and Wellbeing for Parkinson Patients through Social Network and ICT Training: Lessons learned and best practices"
Marta Teixeira Pinto, INOVA+, Portugal

15.00 – "SPES: using technologies to support patients at home"
Gianluca D'Agosta, Italian National Agency for New Technologies, Energy and Sustainable Economic Development, Italy

15.20 – "The European Project RENEWING HEALTH: Telemonitoring of Chronic Patients"
Silvia Mancin, Arsenàl.IT – Veneto's research centre for eHealth Innovation, Italy

15.40 – 16.00 Discussion

16.20 – "EA SEA-WAY strategic project and the challenges for improving the mobility of people in the IPA-Adriatic programming area: the contribution of concrete and effective pilot projects"
Simona Romiti, Abruzzo Region & Ancona Port Authority, Italy

16.40 – "ROBOT – ERA: Implementation and integration of advanced Robotic systems and intelligent Environments in real scenarios for the ageing population"
Filippo Cavallo, Scuola Superiore Sant'Anna – Pisa, Italy

17.00 – "Trans2Care - Transregional Network for Innovation and Technology Transfer to Improve Health Care: the role of young researchers in successful implementation"
Sabina Passamonti, University of Trieste, Italy

17.00 – "Creating knowledge bridges within the Adriatic Region. The PACiNNO experience"
Claudio Cozza, University of Trieste, Italy

17.20 – Discussion and Conclusions Professor Emanuel Frontoni, UNIVPM

Tuesday 8th September

Chair Professor Sauro Longhi

9.15 - Macro-Region for the Adriatic Ionian area
Giuseppe Di Paola

9.30 – Research and innovation in the ROP ERDF and connections with EPC programs: the case of Med programme
Mauro Terzoni, Managing Authority ERDF - ESF

10.00 - AAL Bruxelles
Mateo Di Rosa, APRE – Agency for the Promotion of the European Research

10.30 ICT & Health
Marco d'Angelantonio, HiMsa, Bruxelles

11.20 - AAL Italy
Alessandro Leone, CNR Italy

11.40 - CBC Italia-Croazia
Ivan Curzolo, SEENetwork Kft

12.00 - IPA Italia-Albania-Montenegro
Claudio Polignano, Apulia Region

12.20 - Adrion
Barbara Di Piazza, Emilia-Romagna Region

12.40 Conclussions

Annex 8 : Minutes from the meeting with Aldebaran Robotics

<table>
<tr><td align="center">**Face-to-face meeting with ALDEBARAN
the 17th of February 2015, at 14h
in Issy city (France)**</td></tr>
</table>

Participants :

Monique Epstein, Ariane Girault (ESE) – representing the ALFRED project
Antoine Delatour (Aldebaran) – representing the company

Presentation of the ALFRED project
E-Seniors give a concise oral presentation of the ALFRED projects and its goals. As a support for this presentation Mr. Delatour is given the ALFRED leaflet and shown the ALFRED video presentation from the project website.

Delatour states that the ALFRED system seems very interesting and relevant for the target group even though it is not developing a humanoid robot that the core activity of Aldebaran.

Presentation of Aldebaran
The company was created in 2005 by Bruno Maisonnier with the aim to let societies to benefit from humanoid robots. The company's first robot Nao became quickly a success among the researcher that started using it for further development and research. Today, Nao has become an academic reference in the robotic research field.

Furthermore, now Aldebaran proposes three types of robots:
- Nao (designed for a wider user group)
- Pepper (created for a specific order from Japan)
- Romeo (designed for academic communities for research and development)

Finally, there is a robot called the « Zora » robot is a specific Belgian project indented to be used in senior care homes.
More information is given on the company's website: www.aldebaran.com

About the Aldebaran's business plans and markets:
E-Seniors wanted to now a bit more about the marketing plan for the robots in order to understand the different distribution opportunities that already exist for robotic solutions in Europe.
- Each robot is equipped with 4 different software (operating systems). The available activities of the robots programmed according to the client's needs, so it is not artificial intelligence.
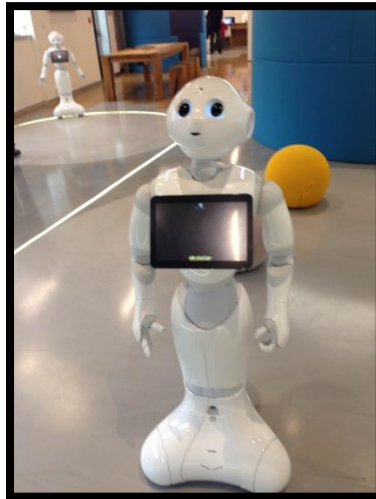
- The robots can also be programmed at distance
- The Nao robot costs around 5.300€ (that is the cheapest one)
- Aldebaran has 450 employees: 300 in France, 50 in Boston and 50 split between China and Japan.
- Softbank (telecommunication company from Japan) has bought Aldebaran and today it the major funder. Softbank has already invested 1M€ to the Pepper project.
- In 2014, Aldebaran sold 3500 robots.

Conclusion for ALFRED

Aldebaran Company has existed now since 10 years and has grown into a multination enterprise. The technological innovation is pioneering and thanks to that the company has achieved a respectful status within the academic communities but also in a marke business wised sense. This face-to-face meeting was a very good example of a business that started its success with researches and then widened up the potential consumers from very different groups, notably seniors that is ALFRED primary target group.