



make it ReAAL

Project co-funded by the European Commission within the ICT Policy Support Programme

ReAAL

CIP ICT PSP – 2012 - 325189

www.cip-reaal.eu

Dissemination and networking report

[D6.2 b, Revision 1.0]

Key Information from the DoW

Due Date	15-June-2016
Type	Report
Security	Public

Description:

Report on the dissemination and networking activities undertaken in ReAAL, according to the above task descriptions.

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Versioning and contribution history

Version	Date	Author	Partner	Description
0.1	01-June-2016	Helmi Ben Hmida	Fhg-IGD	Structure of the Deliverable
0.2	01-June-2016	Helmi Ben Hmida	Fhg-IGD	Partner specific dissemination template ready
0.3	20 June-2016	Helmi Ben Hmida	Fhg-IGD	Common dissemination content added.
0.4	30 June-2016	Helmi Ben Hmida	Fhg-IGD	Partner specific dissemination content added
0.5	10-June-2016	Helmi Ben Hmida	Fhg-IGD	Content updated
0.6	11- July -2016	Florian Visser	RNT	Deliverable review
0.7	13-July-2016	Pilar Sala	UPV	Deliverable review
0.8	14-July-2016	Helmi Ben Hmida	Fhg-IGD	Deliverable update
1.0	14-July-2016	Helmi Ben Hmida	Fhg-IGD	Deliverable release

Statement of originality:

This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

Executive Summary

Next to the deliverable D6.2a reporting about ReAAL dissemination activities in the period from 16.01.2013 till 15.04.2015, the deliverable 6.2b aims to reports about the dissemination activities held within the ReAAL project in the period from 16.04.2015 till 15.06.2016. It will describe the common dissemination activities of ReAAL project as well as those performed by the individual partners.

More aligned with the main targeted dissemination purpose, this deliverable will report about the Market places and the exploitation activities from a dissemination perspective aiming at promoting the universAAL added value and the related best practices from dissemination perspectives. Finally, this deliverable will report also about the dissemination activities in relation with the universAAL coalition as one of the main exploitable results behind the ReAAL project.

The remaining period of the project from 16.06.2016 till the end of the project will be reported as a part of the final periodic report.

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1. About This Document

This document describes the ReAAL dissemination activities held in the period from 16.04.2015 to 15.06.2016. It aims to report in details about the achieved dissemination activities held in the same reporting period.

1.1. Deliverable context

Project item	Relationship
Objectives	D6.2 b is related to the following objectives: O1, O2, O3, O5, O7 and O8
Exploitable results	Res 1, Res 2, Res 6, res 7, Res 9 and Res 10
Work plan	Input from Tasks 6.1, T6.2 and T 6.3 Output to Tasks T6.1, T5.1 and T5.4
Milestones	No linked milestone
Deliverables	Output to Deliverable T6.1, T5.1 and T5.4
Risks	Limited impact of the dissemination activities

1.2. Version-specific notes

Based on the D6.1 and the specified action plan, this deliverable will cover the period from 16.04.2015 to 15.06.2016.

2. General overview

2.1. ReAAL dissemination Objectives & plan

As described in the DOW, the dissemination activities aim to “Enable the wide dissemination of the project results through rich and wide activity, consequently supporting the impact of the project outcomes”. Especially in term of:

- Widely spreading the project results to the relevant communities
- Increasing the public awareness of the project potentials and benefits
- To stimulate a dialogue and uptake within those communities about project goals, the methods used, and the outcomes obtained.

Where the main keys of dissemination activities are:

- The evidence of the socio-economic effects of adopting an open platform approach
- The best-practice of how this is done and how other regions can achieve the same benefits.

The addressed target group of users have been prioritized in the last year and are ordered as following:

- **Developers** – Developers of AAL solutions and technologies in form of both hardware and software; they are the primary users of the universAAL platform.
- **Service Providers** - Providers of external services to the end-users.
- **Authorities and Policy Makers** – Supporting organizations and authorities that deal with socio-economical and legal context of AAL.
- **Commercial Solution Providers** – the ReAAL project has a strong focus on deployment, technology transfer and testing of interoperable solutions for AAL services and thus will generate results relevant for large companies or SMEs in this field.
- **Deployers** - Deployers of integrated AAL solutions, or technical service providers responsible for installation, configuration, customization, and orchestration of integrated AAL solutions.
- **Beneficiaries (End users)** - The beneficiaries will be those people who wish to be able to avoid dependency on nursing homes, preferring to continue to live independently in their own homes but also citizens, formal and informal caregivers, service providers, technology providers and policy makers.
- **Scientific Community** – the ReAAL project has a scientific component, in which interoperable solutions are deployed on large field trials and physical installations within identified pilot sites.

The main planned dissemination activities for the last 12 months of ReAAL can be summarized in the following main points:

- Active contribution to most AAL join program activities
- Active contribution to the EIP AHA activities
- Empower the existence and spread the brightness of the universAAL open platform and the initial created portfolio within difference commercial market places
- Production of a high quality dissemination materials for reflecting the different contribution of the ReAAL project
- Update of the ReAAL Website
- Creation of a new universAAL platform Website reflecting the summarized added value
- Creation of ReAAL Blog and Knowledge portal for sharing the collected experience in ReAAL
- Creation of a YouTube channel for Disseminating the universAAL added value

2.2. Achievement overview

The foreseen dissemination activities in the context of ReAAL project aims to “Enable a wide dissemination of the project results through rich and wide activity, consequently supporting the impact of the project outcomes”.

As highlighted in D6.1a, the ReAAL dissemination activities aim to widely spread the project results to the relevant communities specially to increase the public awareness of its potentials and benefits. The following table highlight an overview about the dissemination activities and its impact on the achievement of the planned goals.

Dissemination goals	Achievement through ReAAL dissemination activities
To promote the emergence of an AAL ecosystem by deploying an open platform, spreading knowledge and transfer technology.	<p>The ReAAL messages disseminated through flyers and posters have created the awareness about the project added value, the impact of open platform on the different stakeholder.</p> <p>The market places and exhibition events have created a professional network around the open platform, this is supporting sustaining the platform ecosystem and transferring technology from the core teams to the extended ecosystem.</p>
To encourage future providers of care services, at whatever level, to provide the facilities enabling greater engagement by individuals in the	The YouTube video channel has highlighted in very simple way the platform added value for the service providers in general. The rich created portfolio of applications has also given the impression about the solid bases the platform, same the related ecosystem has toward facilitating and enabling

management of their independent living, and application vendors to establish own business models based on an open-interoperable eco-system.	having your own business and contributing to the whole ecosystem effort.
To ensure that the work of the ReAAL project is promoted in order that the outcomes of its work are recognized and understood by application vendors and service providers of solutions for independent living, scientific and wider social communities.	The dissemination activities have made several attempts to facilitate the technical messages and make them simpler through involving “non-technical” people in the analysis of the added value and message creation. The www.universAAL.info new website contain also clear statements positioning the platform. The targeted messages and used channels have created awareness empowering the growth of the ecosystem around the platform, especially from a policy makers and service provider’s perspective. Thus supporting the creation of the universAAL coalition promoting the universAAL open source technology in Europe. From a research perspective, the research community has, based on several contribution starting from ReAAL, great interest in Internet of Things and semantic open platform, reasoning and context awareness and added value and impact assessment.
To stimulate a dialogue and uptake within those communities about project goals, the methods used, and the outcomes obtained.	The different organized sessions within different big events (AAL Forums, eHealth week, EU activities, AIOTI, Advisory board...) have offered the opportunities to share with different communities our objectives, strategies to reach them add to the current outcome.

With reference to the highlighted target group, the following table present an analysis of the main addressed groups, the used channels and the dissemination impact.

Target group	Used channels	Impact
Developers	universAAL website Github website Youtube channel Social media	The new universAAL website had a much better impact than the universAAL EU project one as it has reflected an up-to-date information about the platform added value. The GitHub webpage has facilitated the developer accessibility to the source code. Finally, the YouTube channels has bought an assurance to the new developer about the expected added value in a very easy and smooth way.

Deployers	Exhibition Youtube Posters and booklets Social media	Disseminating the showcases added value, especially in relation with the system integration and evolution have attracted several deployers and investors in senior homes to be part of the universAAL ecosystem. The social networks have played a major role for transmitting the showcases video to several investors and deployers around Europe.
Service & solution Providers	Conferences and exhibition Youtube Posters and booklets Social media	The live demonstrations, same the face to face discussion with the different service providers was too efficient to increase their awareness about the added value of the solutions being ported to open platform, especially from an economical and business model flexibility perspective.
Authorities and Policy Makers	Conferences Newsletter Posters and booklets Social media	European related conferences add to newsletter and paper based dissemination material where the main accessible support to open communication channel with the policy makers and authorities, this has supported influencing the EU policy, but also the German, the Italian and the France one.
Scientific Community	Conferences Social media	The classic dissemination channels has been further invested to address the main scientific questions but also contributions in relation with ReAAL project.

3. Joint dissemination report

As targeted in the dissemination plan and especially during the last 12 months of ReAAL, the project dissemination strategy has focus on open platform added value, the applications portfolio, the gathered experience and collected knowhow, the replication guidelines, the knowledge portal, the ReAAL blogs, the social network and the different deliverables in relations... Thus, the ReAAL consortium has actively contributed to several big events and exhibition through organizing sessions and booths to share the added values add to preparing a new web site for the universAAL open platform and the knowledge portal. ReAAL has actively contributed to several AAL Join program, EIP AHA and exhibitions events, where the policy makers, the services providers, the technology providers and different other target group were present and addressed by the ReAAL messages. Creating the awareness of the added value of the platform, same the value of the gathered experience will serve explicitly in sustaining the universAAL open platform and the creation of an ecosystem supporting the foundation of the universAAL legal entity.

3.1. Overview of ReAAL Involvement at AAL Join Program

3.1.1. AAL forum 2015

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. The AAL forum 2015 has taken place 22 to 24 September 2015 in Ghent, Belgium.

3.1.2. **Need and Challenges when assessing AAL solutions impact - Do Interoperable Solutions REALLY have added value**

The ReAAL project has contributed to the AAL forum 2015 especially through the organization of two continuous sessions under the title: ***Need and Challenges when assessing AAL solutions impact - Do Interoperable Solutions REALLY have added value?*** The sessions organization has been based on an open call for presentation articulated in three main field:

- Value of impact assessment from a multi-stakeholder perspective;
- Experience with developing and using evaluation models for:
 - Single AAL solutions
 - AAL solutions based on open platforms
 - Does open platform AAL solution have “extra” impact? (on Scalability...)
- Experience with evaluation of (AAL solutions based on) an open platform, including the outcomes of the evaluation and your lessons learned as an evaluator

The sessions have been organized in several debates, mainly:

Debate 1: Why we need to assess the impact – Advantages for increasing the awareness of need for assessing the impact...

Speakers:

- DG Connect -Jan Komarek (Policy perspective)
- Marieke van Beurden (User perspective)
- Bas Goossen (From a Business perspective)
- Marleen De Mul (ReAAL evaluation WP leader)

Debate 2: Sharing experiences and results/feedback on assessing AAL solution impact on society, technology, economics & business: Normal AAL solutions, AAL solutions based on open platforms, does open platform AAL solution have “extra” impact? (on Scalability...)

Speakers:

- Stella I. Tsartsara
- Bas Goossen
- Helmi Ben Hmida
- Shabs Rajasekharan

Debate 3: Roadmap to increase the evidence culture in European countries

Speakers: Marielle Swinkels

As a main outcome, the sessions has recommended the co-creation strategy to reinforce and empower the impact of AAL technology. The strategy of usage of open platform is the main enabler for collaboration between the different SMEs, companies offering competitive, but also compatible and complementary solutions. The audience have also agreed to differentiate between the applications added value from the service quality perspective from one side where the Monitoring and Assessment Framework for the European Innovation Partnership on Active and Healthy Ageing (MAFEIP) might play a major role and from being ported to an open platform from another side, where the OPEA assessment framework for large-scale open platform deployments in AAL might intervene as the unique available framework for measuring the added value of open platform based solutions. The audience, same the representative of the European commission where looking forward to receive the first results of such a kind of assessment by the end of the ReAAL to be presented within the AAL Forum 2016.

3.1.3. Interoperability resolved

The second major activities to which ReAAL has contributed was the "Interoperability resolved" track under the sessions name: "EIP-AHA: Towards Platform interoperability". This session aims to open new perspective not just for AAL solution interoperability, but furthermore for Platforms interoperability to ensure a high compatibility, especially in the Internet of Things field. The conference sessions have been organized as follow:

Session 1: presentations on motivation & requirements: views & perspectives by

- AIOTI WG5 on Smart Living Environments (Keith Baker from Philips)
- EIP-AHA (Peter Wintlev-Jensen from Europ. Commission)
- IEC System Committee AAL (Reiner Wichert, the vice chair from Fraunhofer Alliance AAL)

Session 2 of presentations on existing open platforms with a focus on global interoperability in the direction of IoT involving representatives of

- AllJoyn from AllSeen Alliance (Danny Lousberg as EU coordinator from Technicolor)
- CRYSTAL from ARTEMISIA community (Rob EKKELE from Philips)
- FIWARE from the Future Internet community (Anastasius Gavras, coordinator of FIWARE eHealth pilot, from Eurescom)
- oneM2M / ETSI SMart M2M (Omar Elloumi, the chair of the technical plenary of oneM2M, from Alcatel-Lucent)
- universAAL from EIP-AHA / AAL community (Saied Tazari, principle designer of universAAL, from Fraunhofer IGD)

3.1.4. Booth within the AAL Forum 2015:

The third major activity of ReAAL during the AAL Forum 2015 was the organization of the second ReAAL exhibition, where and for the first time, clear messages about platform added values, the application catalog and evaluation framework has been shared with the community. Five partners of the ReAAL consortium (Dialog, UPV, Fraunhofer, Erasmus university and Smart Homes) have actively contributed to the ReAAL booth through disseminating the main aims of the project, an initial portfolio of the different applications add to the evaluation framework.



Figure 1. ReAAL AAL Forum 2015 booth

3.2. Overview of ReAAL Involvement at EIP-AHA Dissemination activities:

The European innovation partnership on active and healthy ageing brings a wide arrays of stakeholder to collaborate together, share interest, experience and project in the field of Active and Healthy Aging (EIP-AHA). The ReAAL project, and from its starting time in 2013, has always taken the EIP-AHA as one of the most important channels to spread the word about the project new outcome and results, but also about the philosophy and the lessons

learned from the project. ReAAL, and during the reporting period has actively contributed to the following EIP AHA events:

- Intermediate Kick off with ReAAL usage as evidence input for C2 Meeting, September 25, 2015:
 - Talking on uptake of results of ReAAL and universAAL within renovated Action Plan of EIP on AHA C2
 - Uptake of ReAAL and universAAL in renovated Action Plan of EIP on AHA C2
 - Wider dissemination and knowledge on ReAAL and universAAL
- EIP on AHA Conference of Partners December 2015
- C2 sprint kick off meeting February 8, 2015, Brussels
 - Sprint kick off session on Interoperability and Privacy and Security
 - Sprint kick off session on Return on Investment of usage of open platforms
 - Sprint kick off session on Personalized User Experience
- Several C2 Telco's

ReAAL ecosystem has also, and in the context of the call for commitment that has taken place, committed to the following theme:

EIP AHA action Group	Commitment Objective	Commitment title	Lead organizations
C2	Facilitating standardization of AHA technologies	universAAL: Interoperable open platform to ease development of AHA applications	BSA UPV uAAL Coalition ReAAL Consortium
	Development of knowledge for personal user experience, building on the results available	IoT and ehealth applications for the benefit of Adherence to medical plans	Demokritos
	Benefits of using interoperable solutions Benefits of using interoperable solutions	Large scale roll-out of AHA applications using common open platform	BSA ReAAL Consortium
		Business models in large scale roll out of AHA applications using common open platform	TEA
		Large scale roll-out of AHA applications using common open platform	EUR
		Make it ReAAL	Avisco BV

D4	Technologies and social networks	Perche Digital	Trialog
	Inclusive Smart Cities	Learnt lessons from large scale pilots in Smart Cities	UPV

3.3. Overview of ReAAL Involvement at the Alliance for Internet of Things Innovation (AIOTI)

Almost 18 months ago, and in order to be up-to-date with the new emerging technology, the Europe commission has announced the creation of the Alliance for Internet of Things Innovation (AIOTI) March 25th, 2015. From the other side, and through the expertise gathered from the ReAAL project, the universAAL community had the impression that the universAAL semantic open platform is well dedicated for the internet of things as a horizontal enabler for linking the different vertical domain and not just for the AAL one. After discussing and validating this statement through the oneM2M community, ReAAL partners are actively involved in the different Working group of the AIOTI alliance, especially

WG 3: IoT Standardization:

“The "IoT Standardisation" working group (WG03) method was to start from a comprehensive IoT landscape and standardization framework, then to identify common High Level IoT architecture and recommend how to achieve IoT Semantic interoperability.”

Within WG3, representatives of the ReAAL consortium have empowered the role of enabling a standard common layer for reducing the complexity of IoT system and devices. More details are reflected within the official delivered documents:

- [Download the full Report on IoT LSP Standard Framework Concepts](#)
- [Download the full Report on High Level Architecture \(HLA\)](#)
- [Download the full Report on IoT Semantic interoperability](#)

WG 5: Smart living environment for ageing well: The ReAAL contribution to WG 5 of the AIOTI "Smart living environment for ageing well" focus empowering IoT technology to continuously support the growing population of elderly people in living longer, staying active, independent and out of institutional care settings, while at the same time reducing the costs for care systems and providing a better quality of life for vulnerable categories of citizens. The detailed outcome, especially in relation with the universAAL open platform can be found here: [Download the full Report](#).

3.4. Exhibitions

The exhibitions as dissemination, but especially market place events, have presented one of the most suitable way in the last 12 months of the ReAAL lifecycle for disseminating concrete exploitable results of the project. The objective from the exhibitions is to address a targeted public by involving them through the created AAL and eHealth software solutions, show cases demonstrations, videos and flyer with clear statement about specific services and its added value based on the universAAL open platform. ReAAL has actively contributed to the Internet of Things

exhibition (IoT world) and the eHealth week ones. In the following, more clear details about the exhibitions, the target group, the ReAAL participant and the outcome will be discussed.

3.4.1. IoT word Exhibition:

The Internet of Things (IoT) market knows an explosion, both in term of individuals but also businesses. The IoT exhibition has taken place at Paris Porte de Versailles on 23 and 24 March 2016 and was designed to be an annual event in IoT market in order to facilitate exchanges, information sharing and business among its various stakeholders in relation with the IoT field. The IoT World exhibition 2016 has bought more than 120 exhibitors from several areas in connection with the Internet of things starting from hardware, services and ending with platforms and more than 6000 visitors. universAAL, as an open platform for the Internet of Things has found the exhibition a good opportunity to promote the platform, but to promote also a set of ready services developed by the ReAAL pilot's suppliers. After the announcement of the IoT World as the first Market place based on the universAAL open source, the following organizations and SMEs have candidate to participate.

- Trialog, France
- Fraunhofer IGD, Germany
- Smart Homes, The Netherlands
- TSB, Spain
- NCSR, Greece
- Tercera Edad Activad: Spain

Important liaison with new French region, TV constructor and OW2 community add to others has been created. In the following a summary of the provided and exposed product by each of the suppliers participating to the IoT exhibition market event



Figure 2. ReAAL first market place event - IoT word exhibition Paris

Trialog, France

Domain		Name of the Application	
Local Social Network		Ici et Maintenant	
Contact Point	Organisation	Contact email	Skype id.
Marie Mateos	Trialog	marie.mateos@trialog.com	marie.mateos
Application COST			
Name	Type	Short Description	
Ici et Maintenant	Application with Cloud and Android nodes	A Complete system which can be deployed in any territory. <i>https://www.facebook.com/perche.digital</i>	
Components COST			
Name	Type	Short Description - Data Published – Data Consumed	
Agenda	OSGi -	Send short messages to connected users via uAAL which uses GCM (Google Cloud Messaging) Messages may contain URL links and pictures. <i>Notes: this requires another modules for editing the messages and manage the users. This module is owned by TSB.</i>	
Ici et Maintenant	Android	Receive short messages and display them. Send comments back to the sender of the message. This message can contain BLE tag information. <i>Note: this module is owned by TSB but contains extensions owned by Trialog.</i>	
Devices COST			
Name	Type	Short Description - Data Published	
BLE Tags Exporter	Android BLE	Manage the Bluetooth low energy devices – Publish Id of the tags which are near the mobile.	
RoadMap – Your Expectation from Market Place			
Integration of health devices and related application. Connection between universAAL and IHE server.			

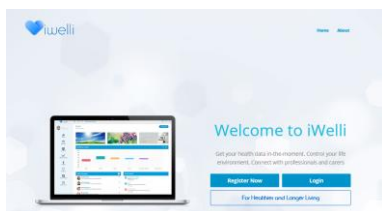
Fraunhofer IGD, Germany



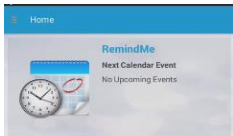


Domain		Name of the Application	
Smart Living		Smart Living System	
Contact Point	Organisation	Contact email	Skype id.
Helmi Ben Hmida	FhG		
Application COST			
Name	Type	Short Description	
Smart Living	Application		
Components COST			
Name	Type	Short Description - Data Published	
Basic SmartHome functions		One for each device Type	
Rules Reasoner Module		For Assistance	
Devices COST			
Name	Type	Short Description - Data Published	
PLC Exporter connector			
SIP Exporter			

TSB, Spain

Domain		Name of the Application	
Monitor Daily Activity		ERLY Suite	
Contact Point	Organisation	Contact email	Skype id.
Juan-Carlos Naranjo	TSB		
Application COST			
Name	Type	Short Description	
ERLY	Application on Android	Supportive product for relatives of elderly people living-alone. The product provides useful and reliable information about senior's daily behaviour and potential risky situations- IoT Solution <i>Note: Do not include universAAL yet.</i>	
Components COST			
Name	Type	Short Description - Data Published	
Activity List	OSGi - API	List of Daily Activities Potential Risk Situation	
Event List	OSGi - API	Time-out alarm (No movement)	
Gateway	Android		
Devices COST			
Name	Type	Short Description - Data Published	
Presence Detector	Bluetooth		
RoadMap – Your Expectation from Market Place			
End 2016: Erly Core : list of relevant event for improving active ageing 2017 : Outdoor Monitoring (geofencing) Mid 2017 : integration of social services.			

NCSR, Greece

Domain		Name of the Application	
Prevention and Health Management		iWelli RemindMe – iWelli Health Tracker	
Contact Point	Organisation	Contact email	Skype id.
Homer Papadopoulos	NCSR	homerpap@dat.demokritos.gr	homerpap
Application COST			
Name	Type	Short Description	
iwelli 	Application for wellness and ageing with Cloud, IoT and Android nodes	An integrated system consisted of : Ehealth applications and systems IoT devices and relevant apps Applications Web based portal which can provided integrated health and social services. www.iwelli.com The system targets elderly people living alone, their relatives and professional carers.	
Components COST			
Name	Type	Short Description - Data Published	
iWelli.karaf.jar	OSGi	Context Bus: Temperature sensor, Humidity Sensor, Light Sensor, CO Sensor. Service Bus: Switch Controller, Siren Actuator.	

		
	Android	Context Bus: Blood Pressure Sensor Heart Rate Sensor Blood Oxygen Saturation Sensor, Personal Weight Service Bus: Switch Controller, Siren Actuator.
		The system supports adding and displaying events (e.g. appointments with doctors, other everyday events, etc.). Also it supports adding reminders, for which the user gets notifications at the appropriate time. Finally medication reminders are supported to inform the end users for their planned medications or any other activities asked by their doctors and care personnel. To make sure that user's are notified IoT devices in home are actuated. It monitors the adherence and reaction of the patient in the message.
		The system is installed inside a person's home and is intended to monitor the user and the environmental data that can influence his/her health status. The user's health status is also monitored through sensors (medical devices). According user's health and environmental status IoT devices in home are actuated.
		Automates the procedure getting data from continua certified medical devices using the HDP Bluetooth profile
Devices COST		
Name	Type	Short Description - Data Published
Exporters of zwave devices (all zwave devices)	OSGi	Presence Sensors, Panic Button, Water detection, Lights, Buzzer, environmental data
Continua Alliance certified devices (A&D, Omron, Nonin and others)	Android	Blood Pressure (systolic,diastolic), Heart Rate, Blood Oxygen Saturation percentage, Weight
RoadMap – Your Expectation from Market Place		
Integration of Games (e.g. from TEA)		
Integration of use cases and Door/Window automation (from FhG)		

Tercera Edad Activad: Spain

Domain	Name of the Application
Prevention and Health Management	OptiSad, Cognibox, Social by elder, eHealth

Contact Point	Organisation	Contact email	Skype id.
Angeles Mata	Tercera Edad Activad	amata@terceraedadactiva.es	
Application COST			
Name	Type	Short Description	
		https://app.terceraedadactiva.com/activa.php	
Components COST			
Name	Type	Short Description - Data Published	
iHealth module	Android	iHealth Data	

Virtech, Italy

Domain		Name of the Application	
Safety at Home – Activity Monitoring		iHelp - iCam	
Contact Point	Organisation	Contact email	Skype id.
Nicola Fiore	Virtech		
Components COST			
Name	Type	Short Description - Data Published	
Emergency Phone Call Services	OSGi	Information on health Status	
Devices COST			
Name	Type	Short Description - Data Published	
Exporters od Zigbee devices	OSGi	Presence Sensors, Panic Button, Smoke.Gas.Water detection, Lights, Buzzer.	
RoadMap – Your Expectation from Market Place			

Smart Homes, The Netherlands

Within the IoT word exhibition, the Smart Home Netherlands was the spokesman of the universAAL open platform and has profited from the opportunity to share the current status of the legal entity creation with the visitors, especially in term of the legal entity nature and added value.

Participation to a debate about open platform

The IoT exhibition committee has organized a set of conference program that will allow industry experts to speak on topics of IoT, connected applications and services. The lectures have covered several of the following thematic: Industry 4.0, Smart cities, connected objects and health, connected car, smart wearables, Geolocation, Security and IoT, Big Data and IoT, new business & economic models for IoT... ReAAL projects partners in coordination with the IoT exhibition conference committee have organized a new session under the name "Environments and development platforms IoT: issues around standards and open source arise". The discussion has highlighted the impact of semantic open platform for breaking through the market of IoT technology but also as enabler for its scaling up.



Figure 3. ReAAL conference session within the IoT world event

3.4.2. eHealth Week:

The eHealth Week 2016 has been organized by the Dutch Ministry of Health as part of the Dutch Presidency of the Council of the European Union, the European Commission and HIMSS Europe. The year 2016 version has focused on three main themes: Empowering People, Trust & Standards and Social Innovation & Transition.

The ReAAL project has considered it as a very important opportunity to announce the advancement within the universAAL Legal entity creation, but also as a market place for several suppliers from the ReAAL community to promote their universAALized solutions, but also the best practices to bring health to smart homes. The ReAAL booth has been organized in a surfaces of 15 square meters with the participation of 6 suppliers from the ReAAL projects and the visit of more than 500 visitors to the booth from different categories, especially service providers and solutions deployers.



Figure 4. ReAAL Booth- IoT world event

ReAAL suppliers' contribution to the eHealth market place event

Fraunhofer IGD



Figure 5. Fraunhofer added value – ReAAL eHealth booth

COTS

Domain		Name of the Application	
Smart Living		Smart Living System	
Contact Point	Organisation	Contact email	Skype id.
Helmi Ben Hmida	FhG		
Application COST			
Name	Type	Short Description	
Smart Living	Application		
Components COST			
Name	Type	Short Description - Data Published	
Basic SmartHome functions		One for each device Type	
Rules Reasoner Module		For Assistance	
Devices COST			
Name	Type	Short Description - Data Published	
PLC Exporter connector			
SIP Exporter			

SYNDESIS

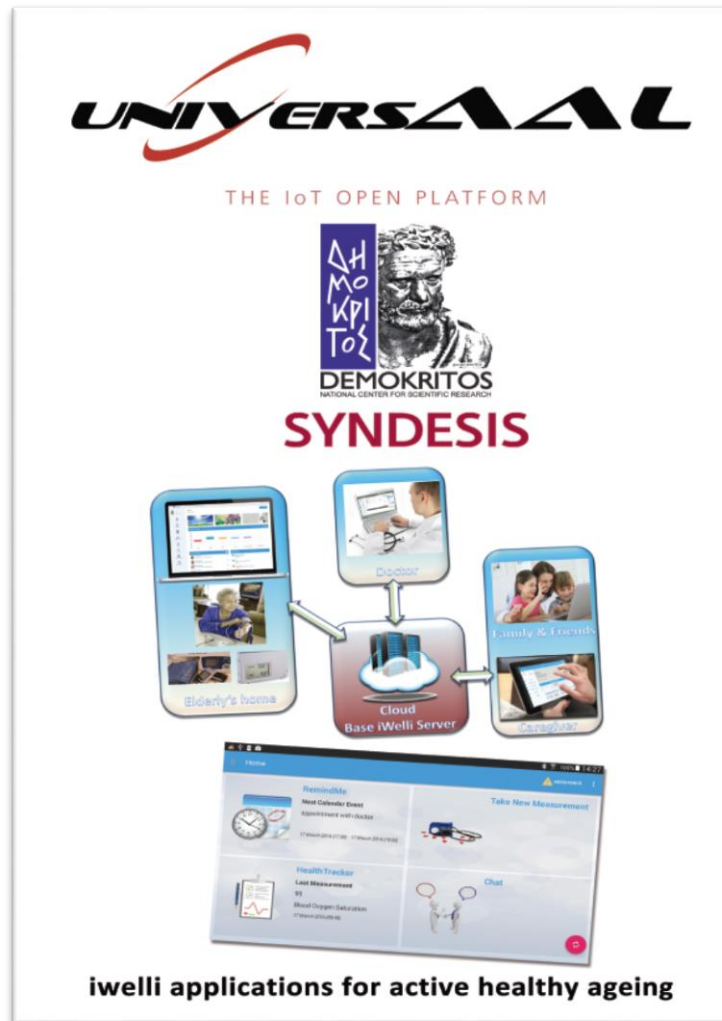




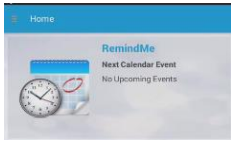
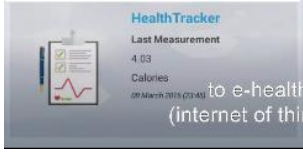



Figure 6. Syndedis added value – ReAAL eHealth booth

COTS

Domain		Name of the Application	
Prevention and Health Management		iWelli RemindMe – iWelli Health Tracker	
Contact Point	Organisation	Contact email	Skype id.
Homer Papadopoulos	NCSR	homerpap@dat.demokritos.gr	homerpap
Application COST			
Name	Type	Short Description	
 	Application for wellness and ageing with Cloud, IoT and Android nodes	<p>An integrated system consisted of: Ehealth applications and systems IoT devices and relevant apps Applications. Web based portal which can provided integrated health and social services.</p> <p>www.iwelli.com</p> <p>The system targets elderly people living alone, their relatives and professional carers.</p>	

Components COST		
Name	Type	Short Description - Data Published
iWelli.karaf.jar 	OSGi	Context Bus: Temperature sensor, Humidity Sensor, Light Sensor, CO Sensor. Service Bus: Switch Controller, Siren Actuator.
Iwelli universaal middleware 	Android	Context Bus: Blood Pressure Sensor Heart Rate Sensor Blood Oxygen Saturation Sensor, Personal Weight Service Bus: Switch Controller, Siren Actuator.
Iwelli remind-me 		The system supports adding and displaying events (e.g. appointments with doctors, other everyday events, etc.). Also it supports adding reminders, for which the user gets notifications at the appropriate time. Finally medication reminders are supported to inform the end users for their planned medications or any other activities asked by their doctors and care personnel. To make sure that user's are notified IoT devices in home are actuated. It monitors the adherence and reaction of the patient in the message.
Iwelli health tracker 		The system is installed inside a person's home and is intended to monitor the user and the environmental data that can influence his/her health status. The user's health status is also monitored through sensors (medical devices). According user's health and environmental status IoT devices in home are actuated.
Iwelli library for health monitoring devices 		Automates the procedure getting data from continua certified medical devices using the HDP Bluetooth profile
Devices COST		
Name	Type	Short Description - Data Published
Exporters of zwave devices (all zwave devices)	OSGi	Presence Sensors, Panic Button, Water detection, Lights, Buzzer, environmental data
Continua Alliance certified devices (A&D, Omron, Nonin and others)	Android	Blood Pressure (systolic,diastolic), Heart Rate, Blood Oxygen Saturation percentage, Weight
RoadMap – Your Expectation from Market Place		
Integration of Games (e.g. from TEA)		
Integration of use cases and Door/Window automation (from FhG)		

Trialog

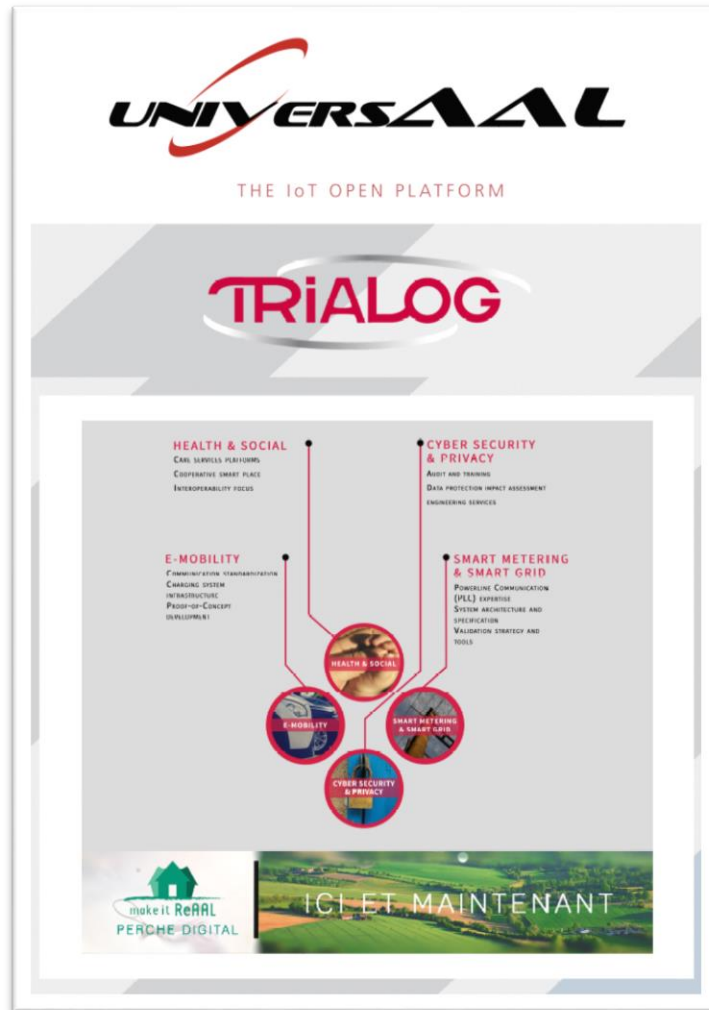


Figure 7. Trialog added value – ReAAL eHealth booth

COTS

Domain		Name of the Application	
Local Social Network		Ici et Maintenant	
Contact Point	Organisation	Contact email	Skype id.
Marie Mateos	Trialog	marie.mateos@trialog.com	marie.mateos
Application COST			
Name	Type	Short Description	
Ici et Maintenant	Application with Cloud and Android nodes	A Complete system which can be deployed in any territory. https://www.facebook.com/perche.digital	
Components COST			
Name	Type	Short Description - Data Published – Data Consumed	
Agenda	OSGi -	Send short messages to connected users via uAAL which uses GCM (Google Cloud Messaging) Messages may contain URL links and pictures.	

		<i>Notes: this requires another modules for editing the messages and manage the users. This module is owned by TSB.</i>
Ici et Maintenant	Android	Receive short messages and display them. Send comments back to the sender of the message. This message can contain BLE tag information. <i>Note: this module is owned by TSB but contains extensions owned by Trialog.</i>
Devices COST		
Name	Type	Short Description - Data Published
BLE Tags Exporter	Android BLE	Manage the Bluetooth low energy devices – Publish Id of the tags which are near the mobile.
RoadMap – Your Expectation from Market Place		
<ul style="list-style-type: none"> - Integration of health devices and related application. - Connection between universAAL and IHE server. 		

SABIEN-TSB-MYSPHERA

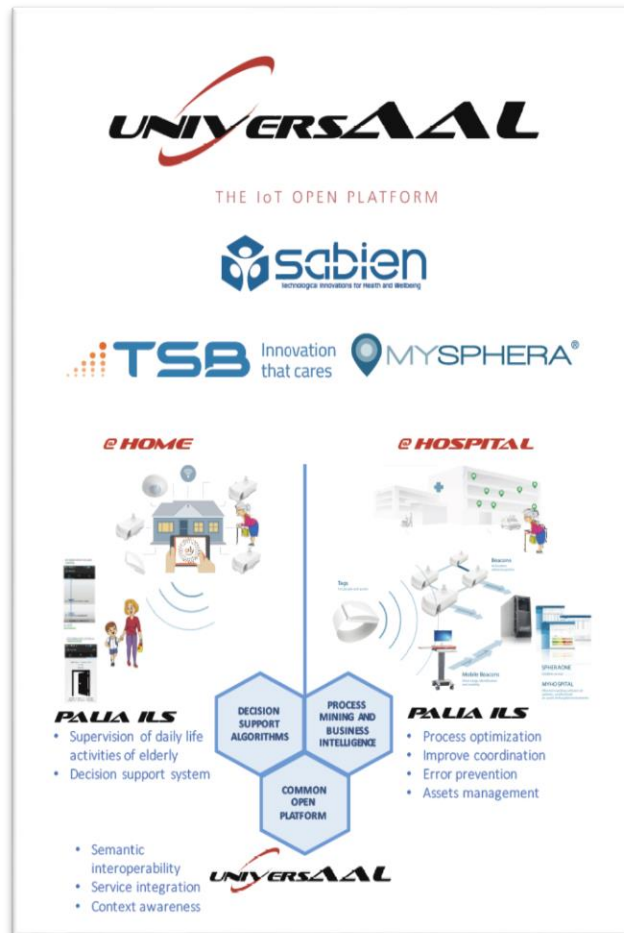


Figure 8. TSB added value – ReAAL eHealth booth

COTS

Domain	Name of the Application
--------	-------------------------

Monitor Daily Activity		ERLY Suite	
Contact Point	Organisation	Contact email	Skype id.
Juan-Carlos Naranjo	TSB		
Application COST			
Name	Type	Short Description	
ERLY	Application on Android	Supportive product for relatives of elderly people living-alone. The product provides useful and reliable information about senior's daily behaviour and potential risky situations- IoT Solution <i>Note: Do not include universAAL yet.</i>	
Components COST			
Name	Type	Short Description - Data Published	
Activity List	OSGi - API	List of Daily Activities Potential Risk Situation	
Event List	OSGi - API	Time-out alarm (No movement)	
Gateway	Android		
Devices COST			
Name	Type	Short Description - Data Published	
Presence Detector	Bluetooth		
RoadMap – Your Expectation from Market Place			
End 2016: Erly Core : list of relevant event for improving active ageing			
2017 : Outdoor Monitoring (geofancing)			
Mid 2017 : integration of social services.			

Medicinemen

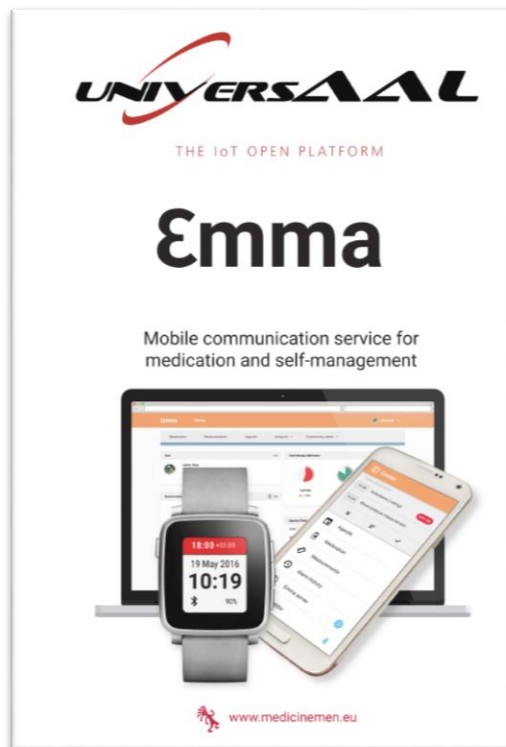





Figure 9. Medecinemen added value – ReAAL eHealth booth

COTS

Domain		Name of the Application	
Medication- and self-management		Emma	
Contact Point	Organisation	Contact email	Skype id.
Oscar van Dijk	Medicine Men BV	info@medicinemen.eu	
Application COST			
Name	Type	Short Description	
Emma Professional Care 5.0	Cloud platform with wireless patient peripherals	<p>Emma supports patients managing their disease and medication using a mobile platform, including Emma smartphone app and Pebble smartwatch,</p> <p>To improve therapy adherence, patients can add informal and professional care givers to their community. Professionals can have patients add blood pressure meters, scales and use the Pebble sleep- and activity monitoring. Advanced graphs and an extensive rule-signal mechanism increase both efficiency and productivity for the Care professional.</p>	
Components COST			
Name	Type	Short Description - Data Published	
MedicationIntake	commonSense-API	<p>Medication Intake data:</p> <p>Patient</p> <p>Medicine</p> <p>Scheduled intake event (date/time)</p> <p>Actual intake event (date.time)</p>	
Devices COST			
Name	Type	Short Description - Data Published	
	smartwatch	Pebble Time – used to register medication intakes	
	Blood pressure meter	Withings BPM – to register blood pressure and heart beat (Bluetooth)	
	Weighing scale	Withings scale – to measure body weight (wifi)	
RoadMap – Your Expectation from Market Place			

Mibida



Figure 10. Mibida added value – ReAAL eHealth booth

Official announcement: universAAL coalition Vision, mission and statement.

For ReAAL team, and agreed in the coalition creation roadmap, the eHealth week has presented a good opportunity to officially announce the universAAL coalition vision, mission and statement:

- **Visual logo:** universAAL IoT- Semantic interoperability for rapid integration and deployment.
- **Definition:** Open source platform enabling interoperability and rapid development of innovative IoT solutions.
- **VISION:** To liberate the Internet of Things by accelerating development of innovative product and service solutions that empower citizens to become co-creators and managers of their own lives and environments.
- **MISSION:** To promote, empower and sustain the growth of the universAAL IoT open innovation ecosystem.



Figure 11. universAAL legal entity-mission, vision and statement

ReAAL conference session-eHealth week:

The ReAAL team has shared the collected experience within the ReAAL project for scaling up ICT solution in Europe. A dedicated eHealth conference session discussing the enabler and the barrier of scaling up “IoT” technology in Europe has been organized by the ReAAL team.



Figure 12. ReAAL conference session within the eHealth week event

3.5. Publicity material disseminations (Flyers, poster...)

3.5.1. ReAAL Portfolio booklet:



Figure 13. ReAAL application portfolio

The full ReAAL applications portfolio is available under: http://www.cip-reaal.eu/fileadmin/user_upload/ReAAL-Broschuere_EN_web.pdf and contain a clear overview about:

- The ReAAL mission
- The developed applications
- Statistics
- The new universAAL website

3.5.2. ReAAL Added value



The infographic features a background image of an elderly couple smiling. At the top center is the 'make it ReAAL' logo. Below it, a green banner contains the title 'ACTIVE & INDEPENDENT LIVING'. The main content is organized into three white boxes with green borders. The first box is titled 'Stress-test a Common Open Service Platform in large-scale deployments' and lists five bullet points. The second box is titled 'universAAL, the candidate standard open platform for AAL' and lists five bullet points. The third box is titled 'Expected Impact' and describes the goal of enlarging the ecosystem. At the bottom, there are two white boxes with contact information: 'www.universAAL.info' and 'contact@universAAL.info'. A footer at the very bottom includes the 'universAAL' logo and the same contact information.

ACTIVE & INDEPENDENT LIVING

Stress-test a Common Open Service Platform in large-scale deployments

- 30+ applications ported to **universAAL**
- 100+ services
- 6 000+ users
- 13 pilot sites in eight countries
- 6 months of evaluating the socio-economic impact

universAAL, the candidate standard open platform for AAL

- Semantic Interoperation between Service Components
- Mobile, Embedded and Cloud-based deployments
- Multi-vendor solutions impeding vendor lock-in
- Rule-based, intelligent system behaviour
- Available with Apache License 2.0 (open source, free software)

Expected Impact: Enlarge the **universAAL** ecosystem and penetrate the market with ReAAL's initial portfolio of applications

www.universAAL.info contact@universAAL.info

universAAL www.universAAL.info E-Mail: contact@universAAL.info

Figure 14. ReAAL added value

3.5.3. ReAAL expected impact

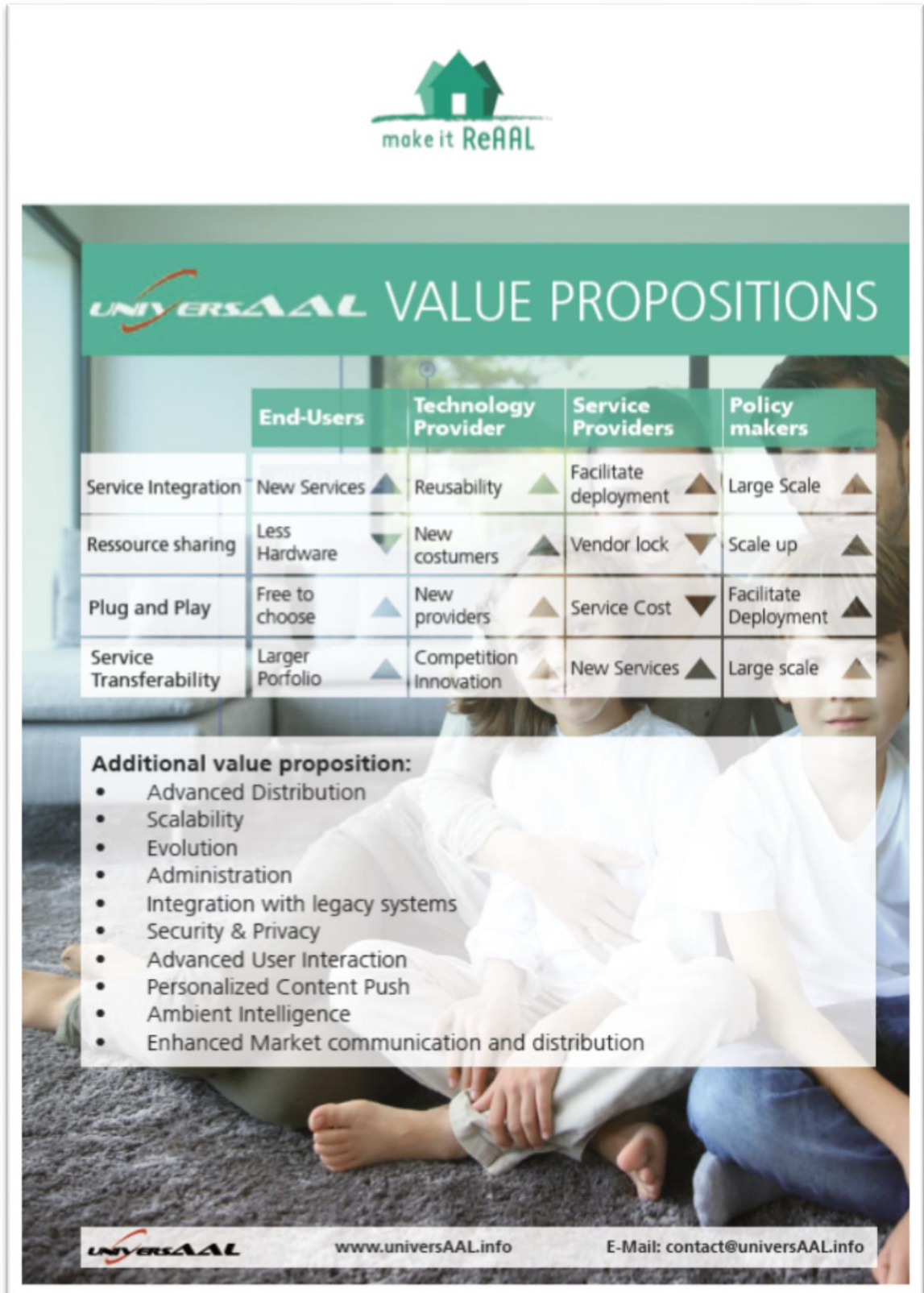


Figure 15. ReAAL expected impact

3.5.4. ReAAL application portfolio

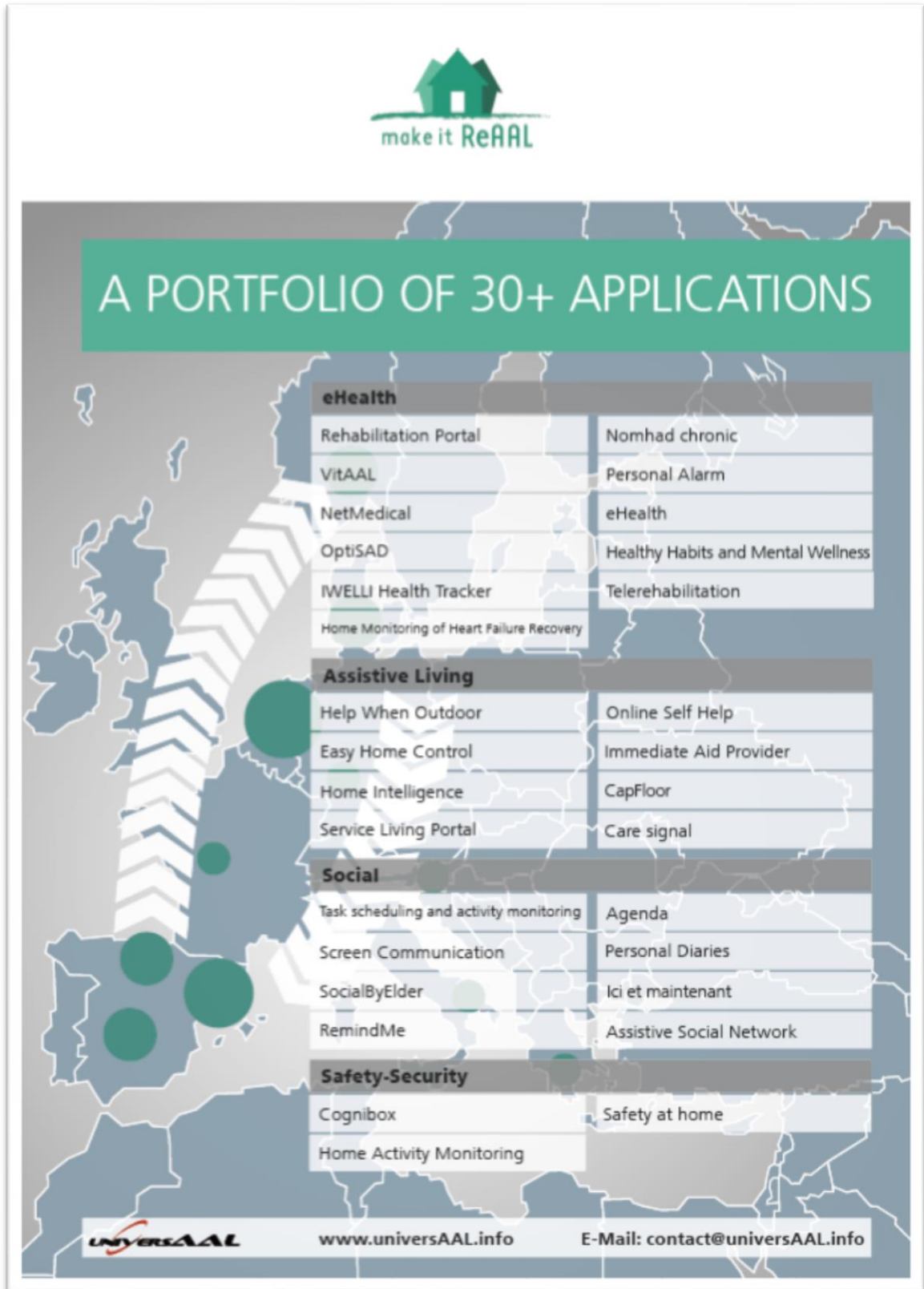


Figure 16. ReAAL application portfolio overview

3.5.5. ReAAL objectives summary

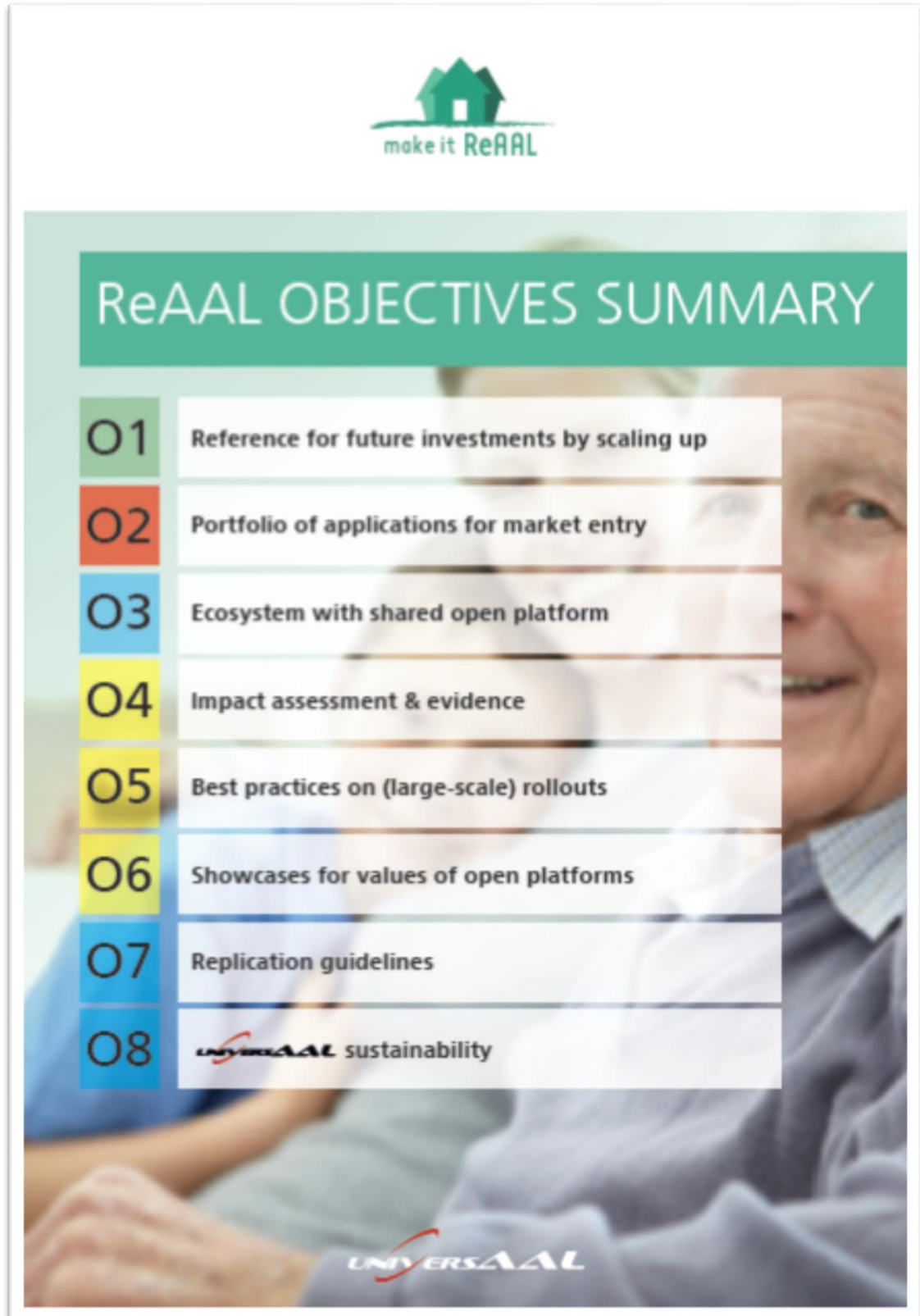


Figure 17. ReAAL objective summaries

3.5.1. ReAAL- AAJ JP proposals

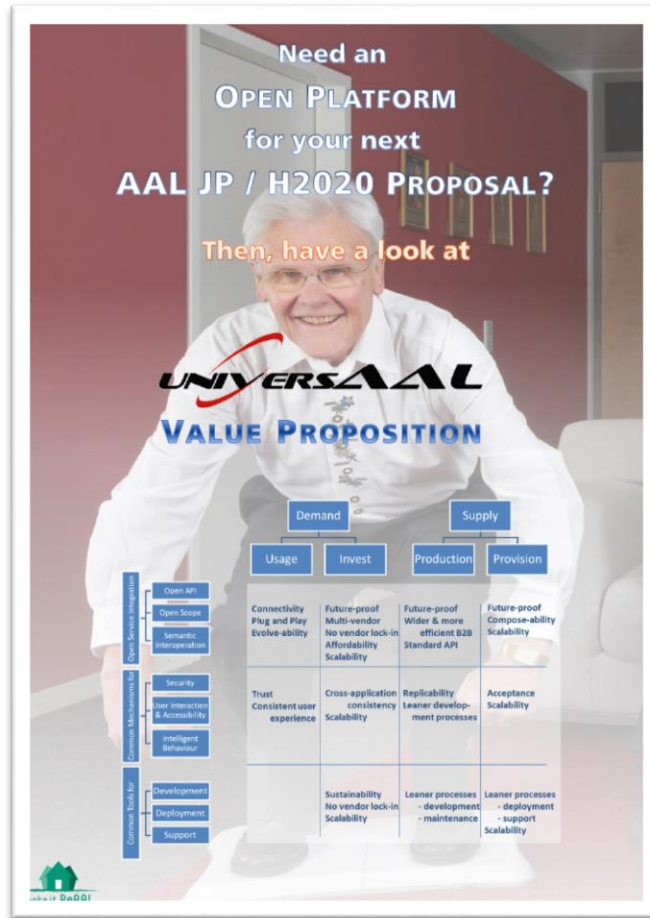


Figure 18. ReAAL-Contribution to AAL join program call

3.6. Web based dissemination

3.6.1. ReAAL Website Dissemination

The ReAAL website plays a major role in making the knowledge gained available to a large audience of interested parties. In particular, it links general project information to the Knowledge Portal leveraging information on design and organizational approaches to the deployment of interoperable solutions within the AAL eco-system. The created ReAAL website is utilized for presenting relevant project results, events and news from the pilot sites as well as for on-line dissemination of project deliverables, newsletters, brochures, etc. A user friendly, high standard, accessible website is already designed, deployed and currently visited by more than 242304 users for the reporting period referring to the statistics of the website host. The aim of the website is to reach a wide range of interested audience and target bodies mainly the stakeholder already specified in D6.1. Compared with D6.2a, the web site *News section* is always up-to-date based on all new information that the project has collected.

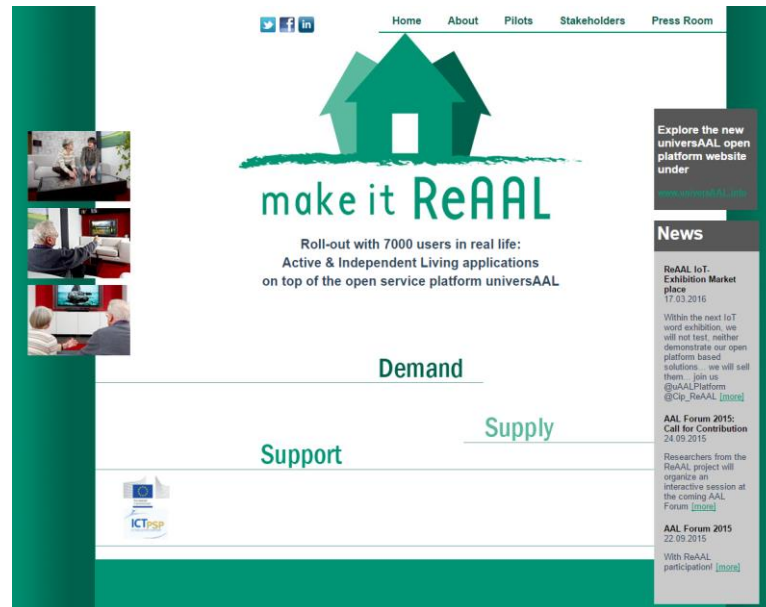


Figure 19. ReAAL website

After the acceptance of the Perche pilot as a substitution of the Baerum one, a new web page describing the pilot, its concept and the related stakeholder has been created.

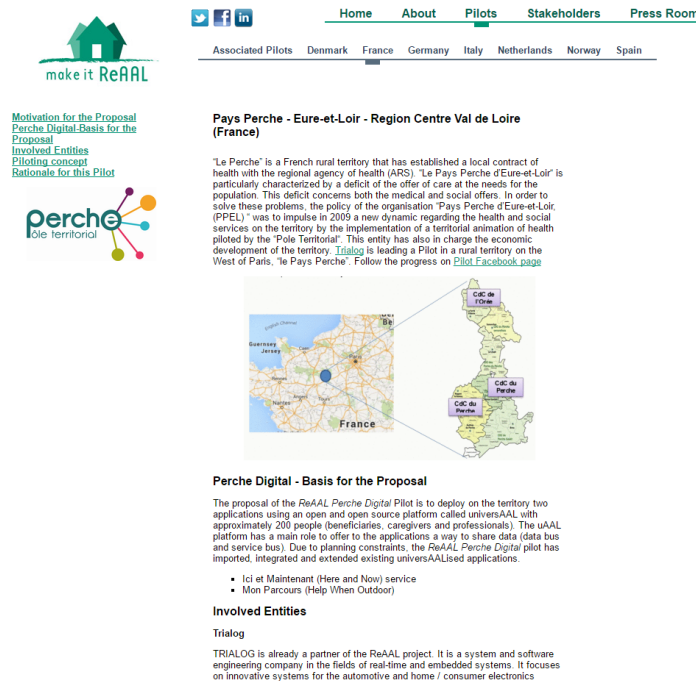


Figure 20. Perche new web page

Added to continuous updates news and the new webpage for the Perche pilot site, the ReAAL application portfolio has been added under the application page, same the Publicity material one.

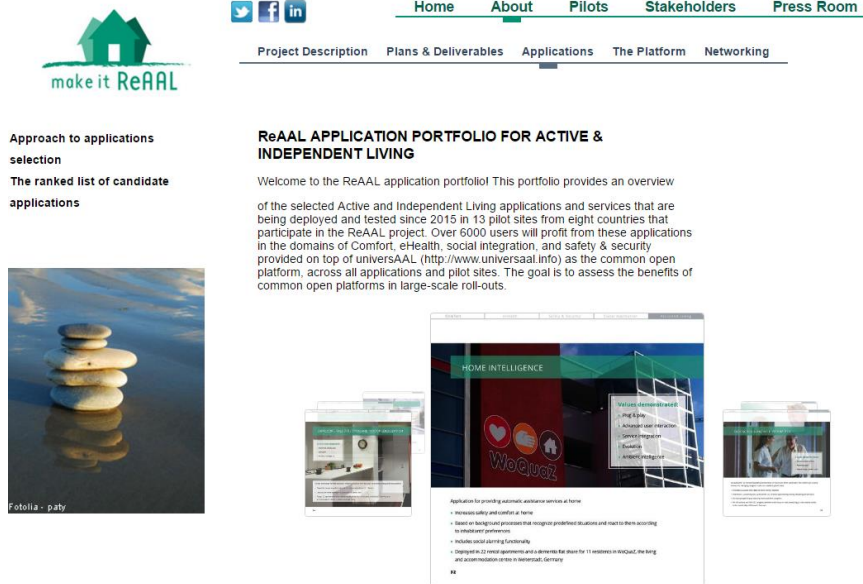


Figure 21. Applications portfolio for interactive navigation



Figure 22. ReAAL Applications catalog for download as PDF

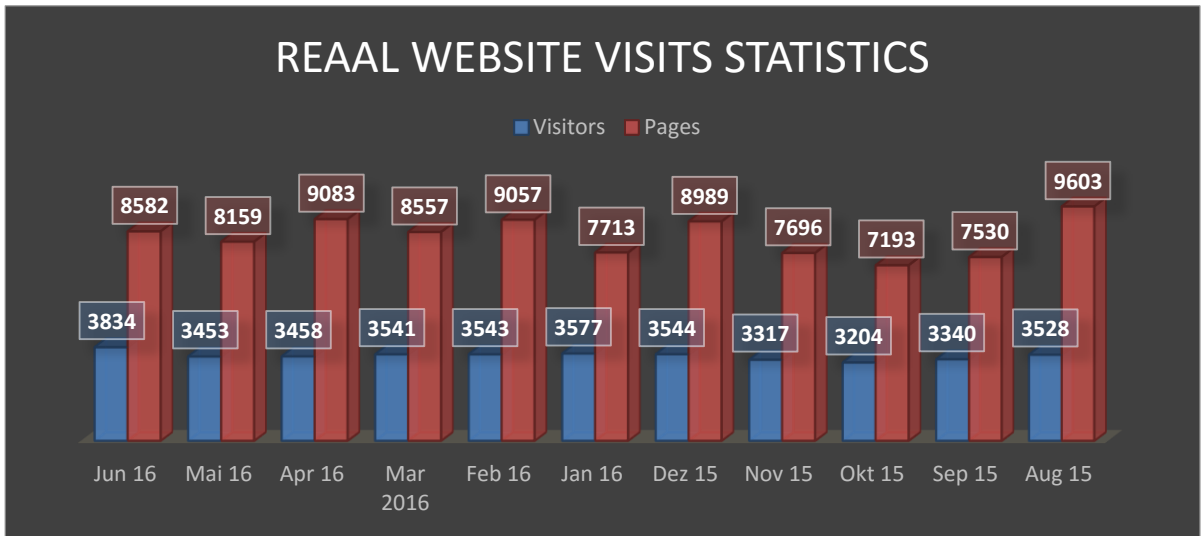


Figure 23. ReAAL website statistics

3.6.2. universAAL new website

In the last year of ReAAL, the exploitation team has decided to have a new website for the universAAL as a platform and not to further use the www.universAAL.org website as it was designed for the FP7 universAAL project. For that, the domain <http://www.universaal.info/> has been now reserved for the new universAAL platform to be used as a reference to address the target community and the created ecosystem.

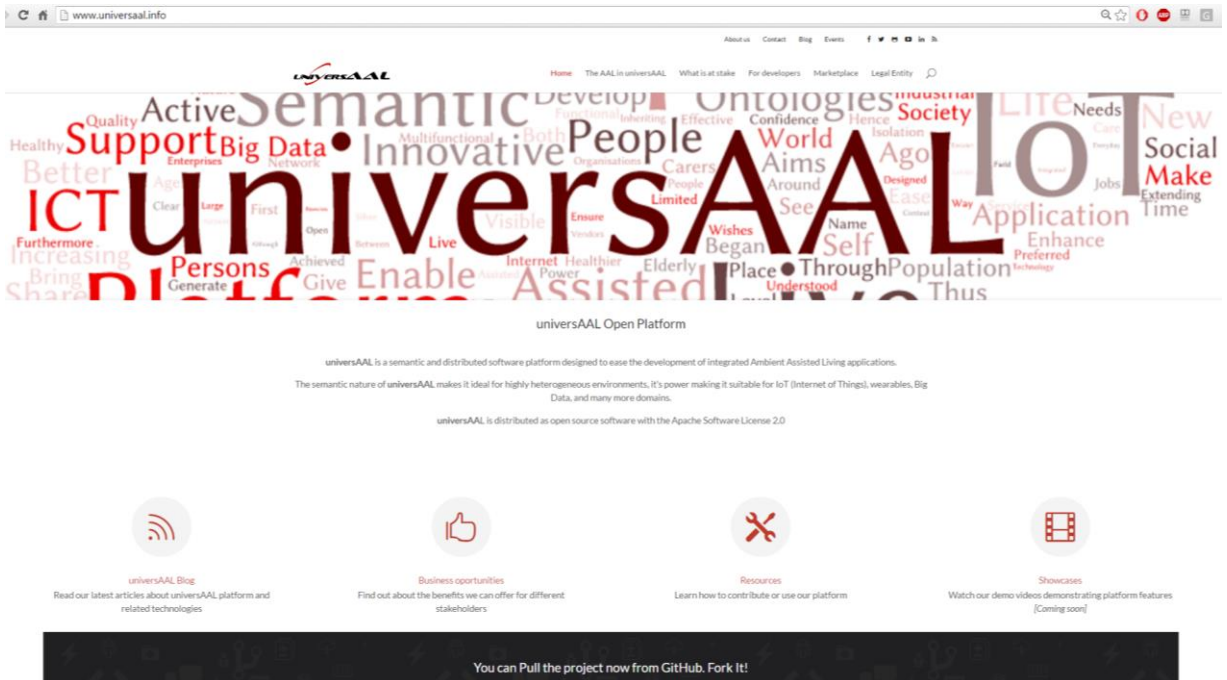


Figure 24. univerAAL new Web site

The structure of the website is as follows:

- Home
- About us
- The AAL in universAAL
- What is the stake
- For developer
- Market place
- Legal entity
- universAAL Blog
- Business opportunities
- Resources
- Showcases
- GoGitHub

The structure and the content of the website are subject to changes and improvements during the legal entity creation and future life, in order to better satisfy possible new dissemination and exploitation requirements.

About us

The “about us” web page aims to give a clear overview about the added value of the universAAL open platform, same to position it based on several predefined criteria.

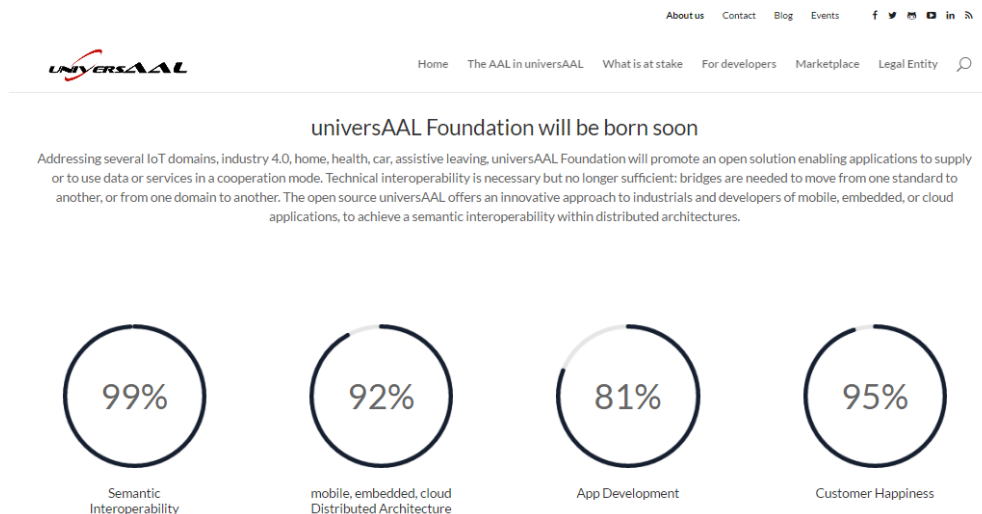


Figure 25. universAAL in words

The AAL in universAAL

universAAL has been developed in the context of European projects on “ICT for ageing well”, as a platform for Ambient Assisted Living (AAL). Therefore, most of the applications developed so far on top of universAAL aim at supporting active and independent living of older people. The role the universAAL semantic open platform

plays to empower and scale up AAL applications has been highlighted in the “AAL in universAAL” web page.

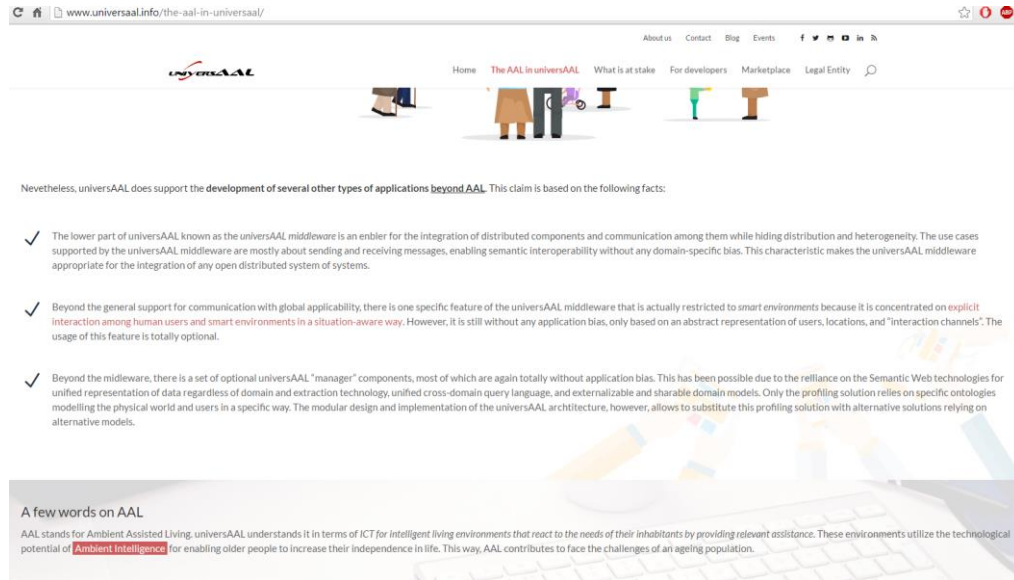


Figure 26. AAL in universAAL

What is at stake (universAAL positioning)

The “What is at stake” web page is one of the most important ones, as it aims to well position the universAAL open platform through highlighting the market main barriers, stressing the universAAL value proposition but most important highlighting the added value of the platform in comparison with other technologies and platforms.

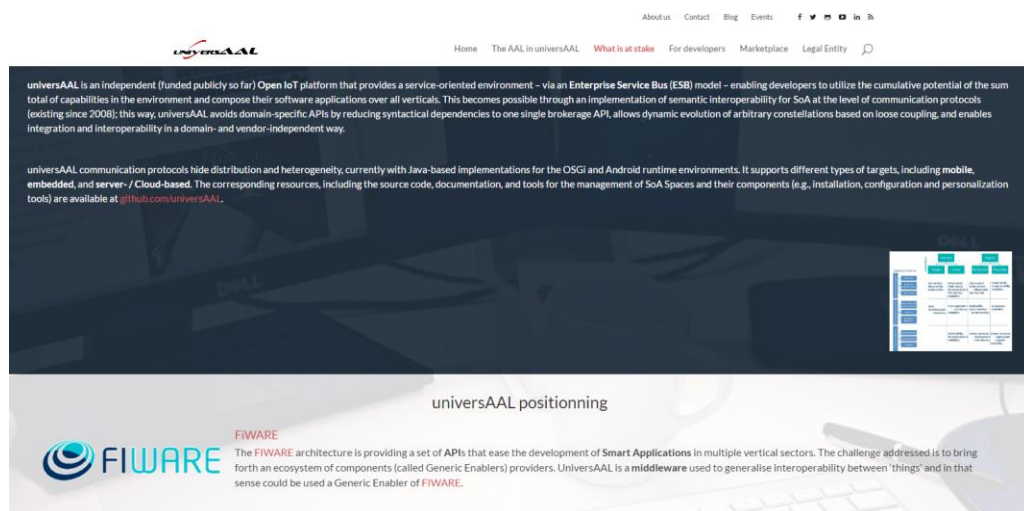


Figure 27. universAAL positioning

Legal entity

Part of the ReAAL project exploitation, the creation of legal entity is a critical milestone toward the universAAL sustainability. This webpage highlights all new information in relation with the universAAL legal entity.

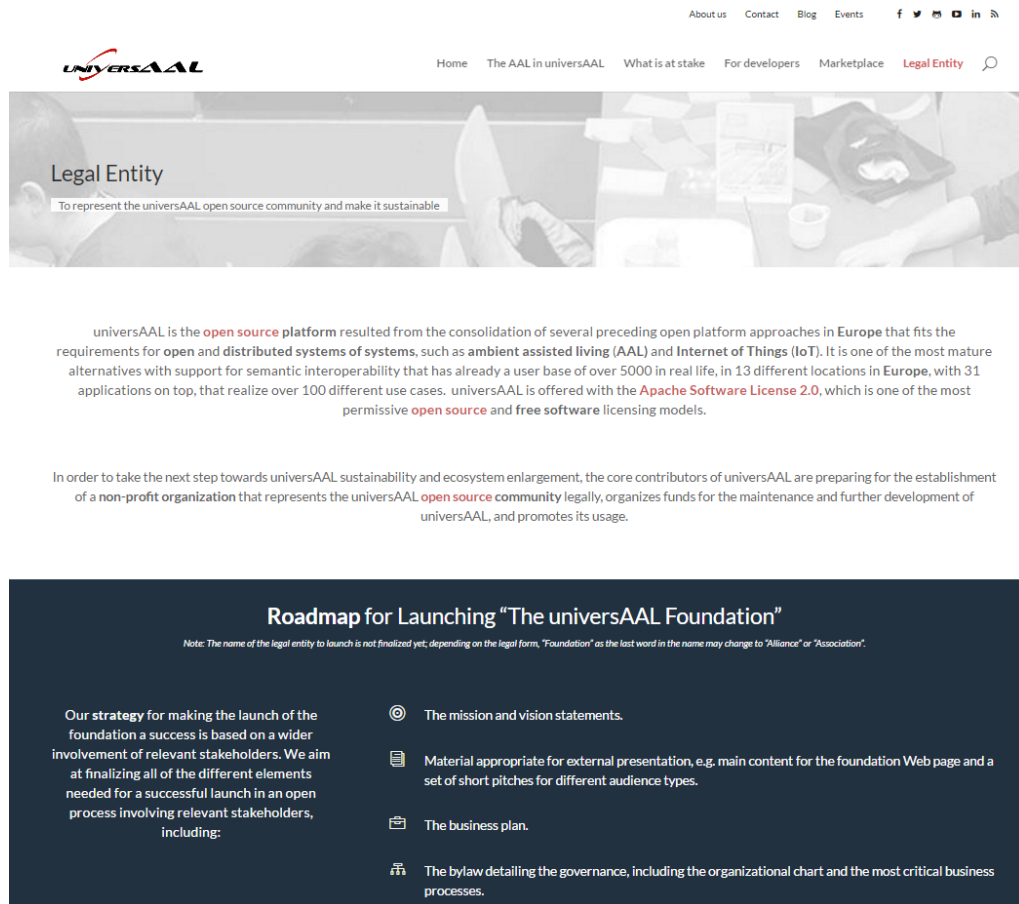


Figure 28. universAAL legal entity

Blog

The universAAL new website blog aims to interact and facilitate the communication of all new information about the platform, the new activities and results with the entire community.

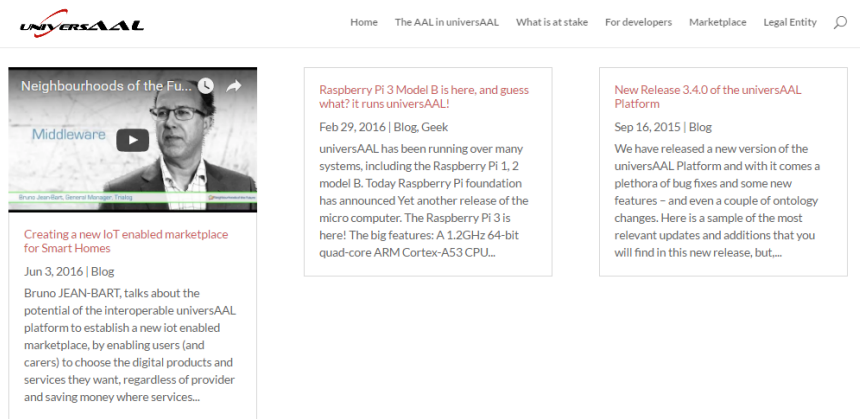


Figure 29. universAAL Blog

For developer:

As one of the main addressed target group, the developers’ webpage aims to attract new developers to join the universAAL open source community. The “developer” webpage aims to gibe initial information to the technical community about the technology used in universAAL, but also to highlight the open source directories and web pages.

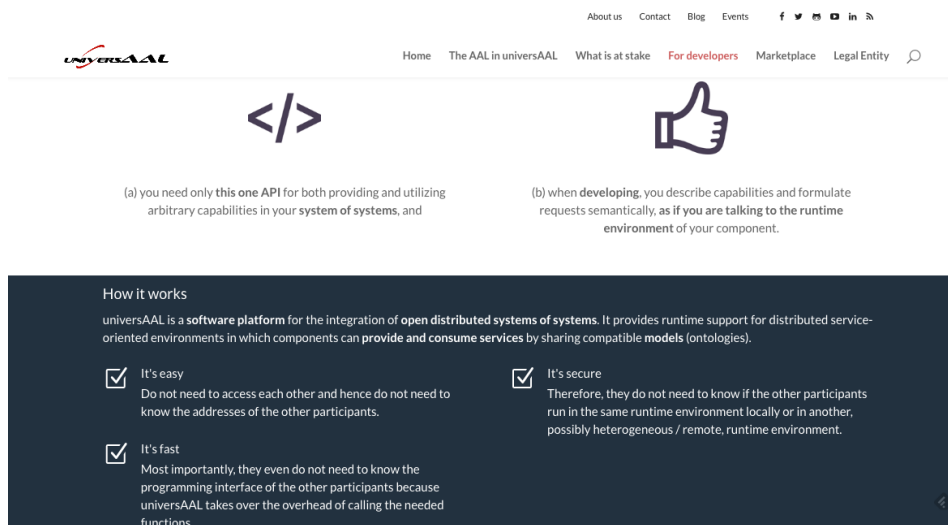


Figure 30. universAAL developer page

3.6.3. universAAL open source community website

The open source of universAAL is currently hosted by the GitHub as one of the famous host of open source project in the world . Add to the management of the open source between the community members, the universAAL GitHub website: <https://github.com/universAAL> contain all relevant and necessary technical documentation in order to easy the usage and increase the acceptance of the system from the service developers perspective.

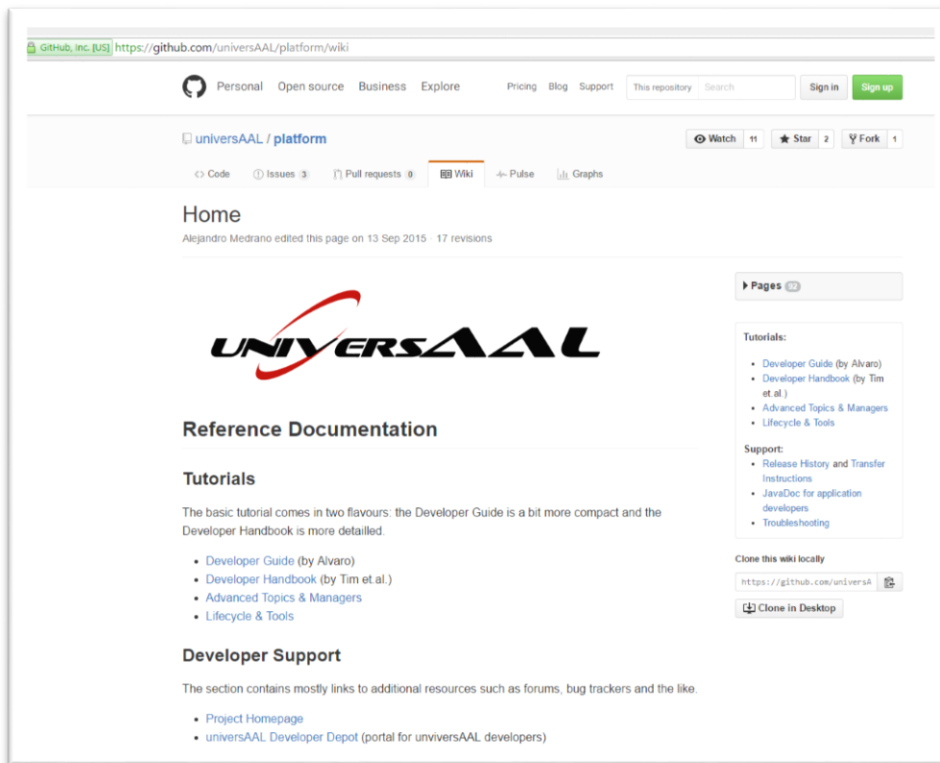


Figure 31. universAAL GitHub page

3.6.4. ReAAL knowledge Portal

This public wiki is written by the partners of the ReAAL project to expose the main feedbacks and lessons of the project along different topics. The wiki objective is to spread a set of results and best practices associated with a large scale deployment project on what are the impacts of the common open platform on the procurement policies and procedures, contract supervision and quality assurance, deployment strategies and the associated organizational aspects, as well as the related business and financing concepts. Foster knowledge sharing and pilot-to-pilot exchange of ideas, services and experiences with the organizational aspects of the delivery of services for older people.

The main addressed thematic are

- ReAAL Project
- universAAL Open Platform
- ReAAL Large Scale Deployment and Operation
- Evaluation & Impact
- Replication Guidelines

The ReAAL wiki is publicly accessible under: <http://reaal.universaal.info/wiki/>

More information about the wiki might be found in ReAAL deliverable 5.1b.

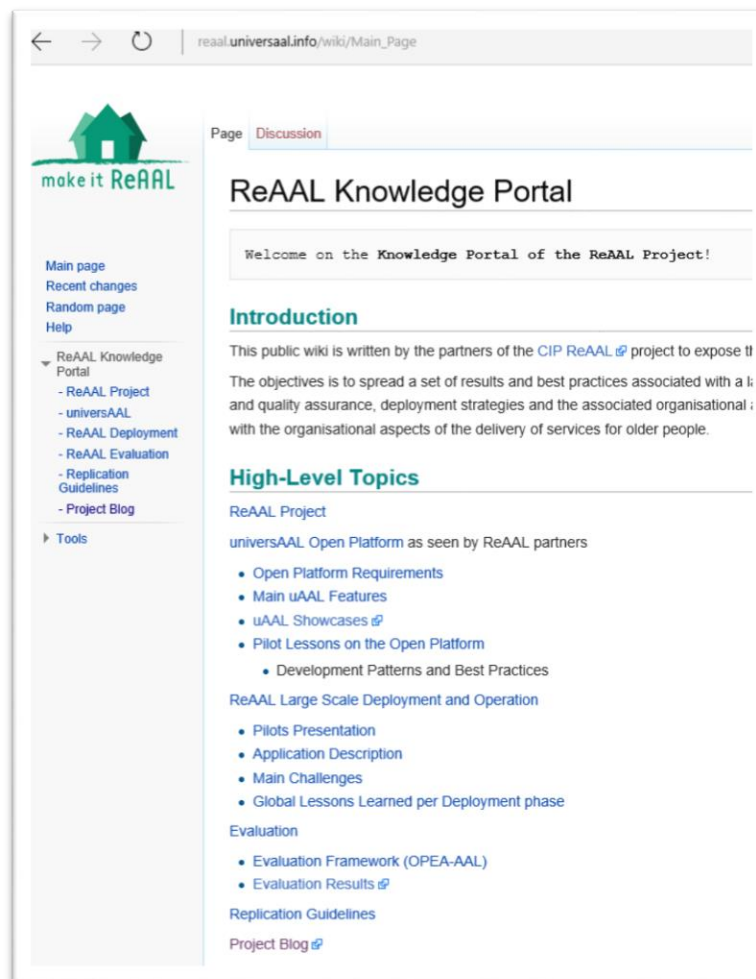


Figure 32. ReAAL public WIKI

3.6.5. ReAAL Blog

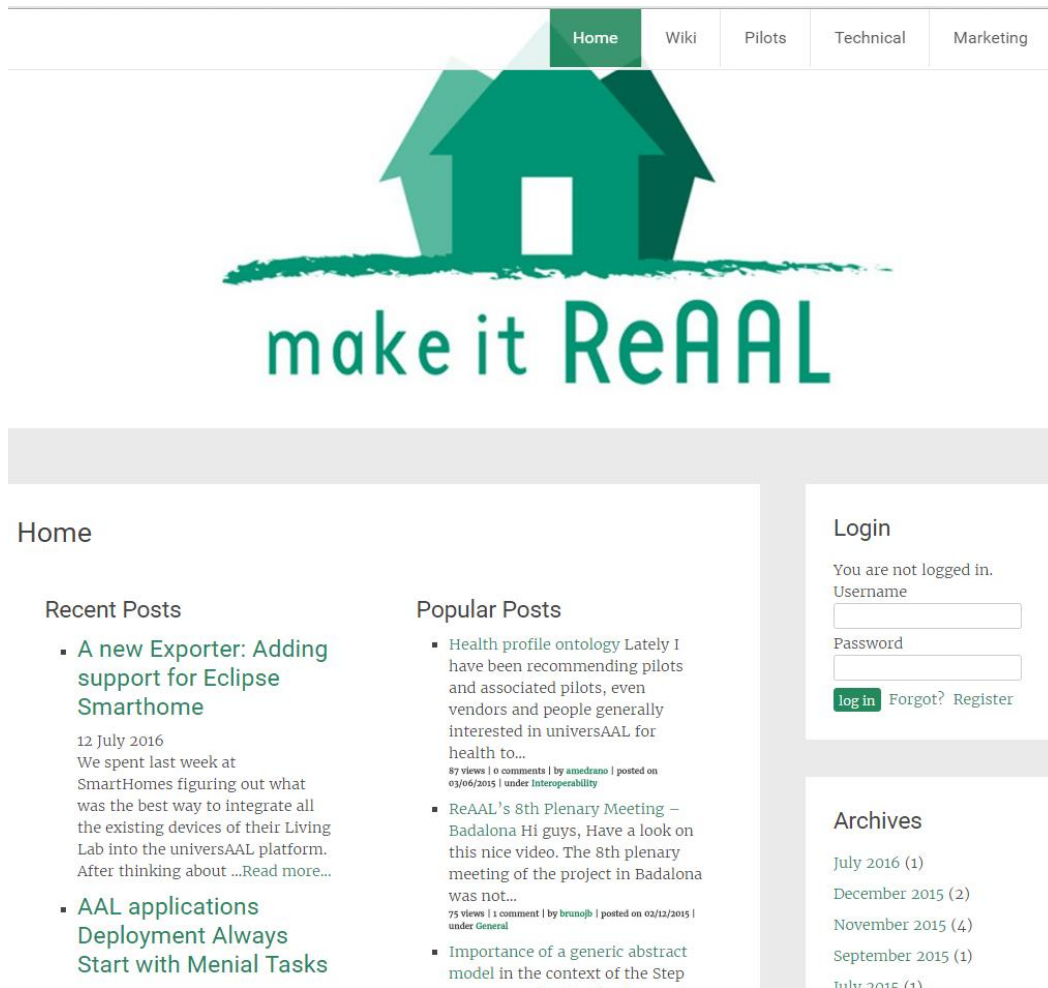
The ReAAL blog is generally considered as an “online individual or organization journal”. It is updated daily, weekly or whenever the author considers important to do it. In contrary a wiki is a platform open for anybody to update in real time. A blog is generally owned by an individual (person or organization) whereas wiki is being updated by many people as long as they are registered and authorized to do it.

The blog site <http://reaal.blog.trialog.com/> is available as a public blog and will be soon moved under the www.universAAL.info website . Every registered user can create a new post. The defined Blog Categories (theme) under the ReAAL Blog are:

- Pilots Regular Blog
- Technical
 - Platform Development
 - universAALisation
 - Technological choices
 - Usage of standards
 - Interoperability

- Marketing
 - Procurement
 - Business Model
 - Financing
 - Replication
 - Roll-out strategies
- Implementation and evaluation
 - Deployment
 - Evaluation
 - Quality assurance
 - Ethics
 - Legal issues
- Dissemination
 - News
 - Events
 - Research

More details might be found in deliverable D5.1b.



The screenshot shows the ReAAL Blog homepage. At the top, there is a navigation menu with links for Home, Wiki, Pilots, Technical, and Marketing. Below the menu is a large graphic of a house with the text "make it ReAAL". The main content area is divided into three sections: Home, Recent Posts, and Popular Posts. The Home section contains a list of recent posts, including "A new Exporter: Adding support for Eclipse Smarthome" and "AAL applications Deployment Always Start with Menial Tasks". The Popular Posts section features three articles, such as "Health profile ontology Lately I have been recommending pilots and associated pilots, even vendors and people generally interested in universAAL for health to...". On the right side, there is a Login section with fields for Username and Password, and a "log in" button. Below the login section is an Archives section listing posts by month and year, including July 2016 (1), December 2015 (2), November 2015 (4), September 2015 (1), and July 2015 (1).

Figure 33. ReAAL Blog

3.6.6. universAAL YouTube Chanel

Part of the exploitation results, several showcases videos stressing the impact of open platform in general and making use of the universAAL platform examples have been recorded and uploaded as a part of the new universAAL legal entity YouTube channel. URL: https://www.youtube.com/channel/UCIKF3tT_P4dz3_DmcpFiNoQ

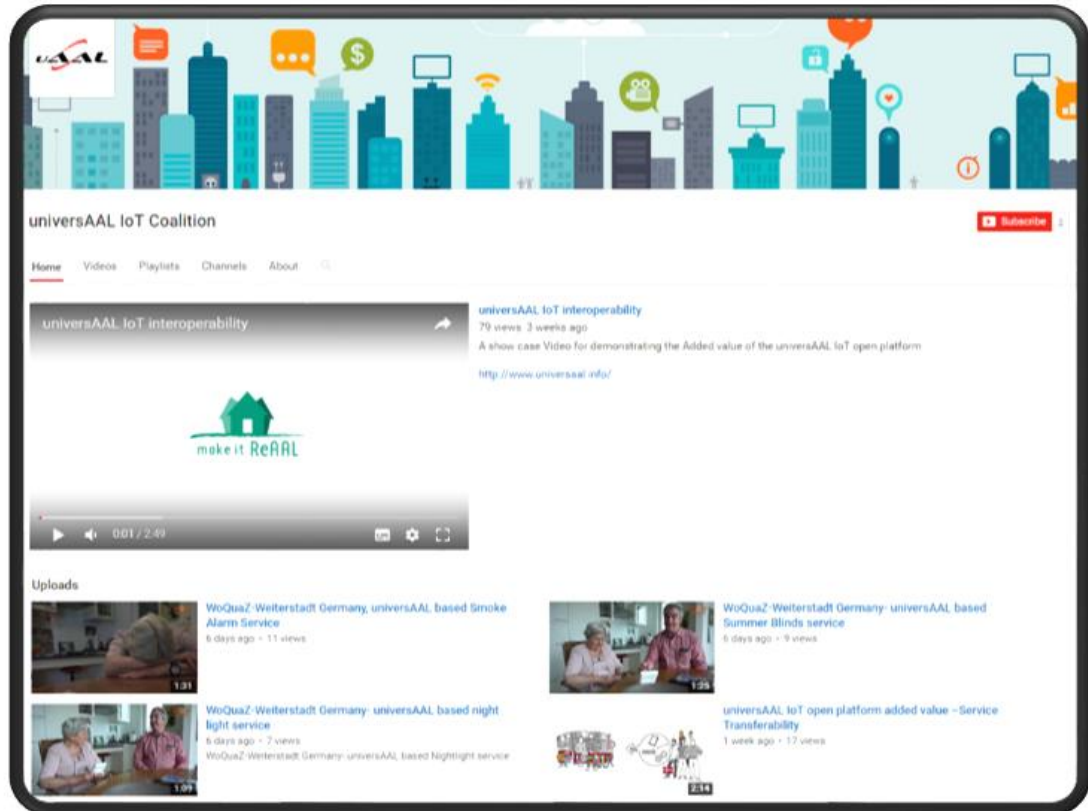


Figure 34. ReAAL universAAL Youtube channel

The channel has been substituted by three main playing list

- universAAL IoT open platform:

URL https://www.youtube.com/playlist?list=PLbxn2kxb8lvdq_YKfpz7pYE6nrfODeoa

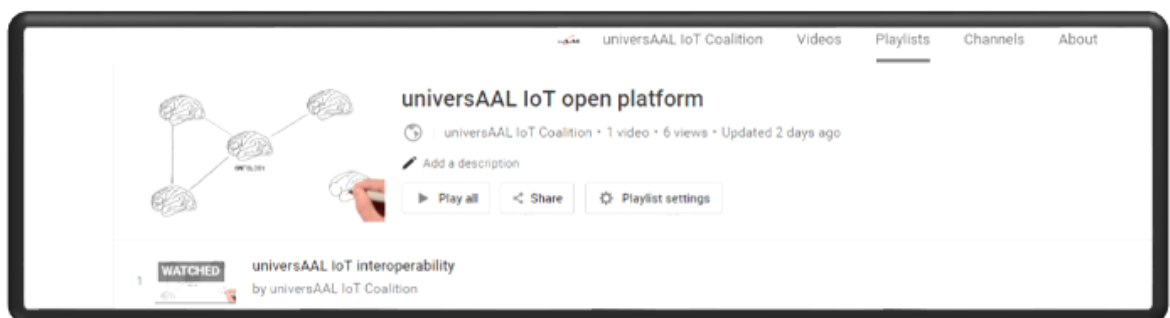


Figure 35. universAAL open platform playlist

- universAAL IoT open platform added value URL:
https://www.youtube.com/playlist?list=PLbxn2kxb8liuZvcGbk4GrAqCnzuV_ELNH

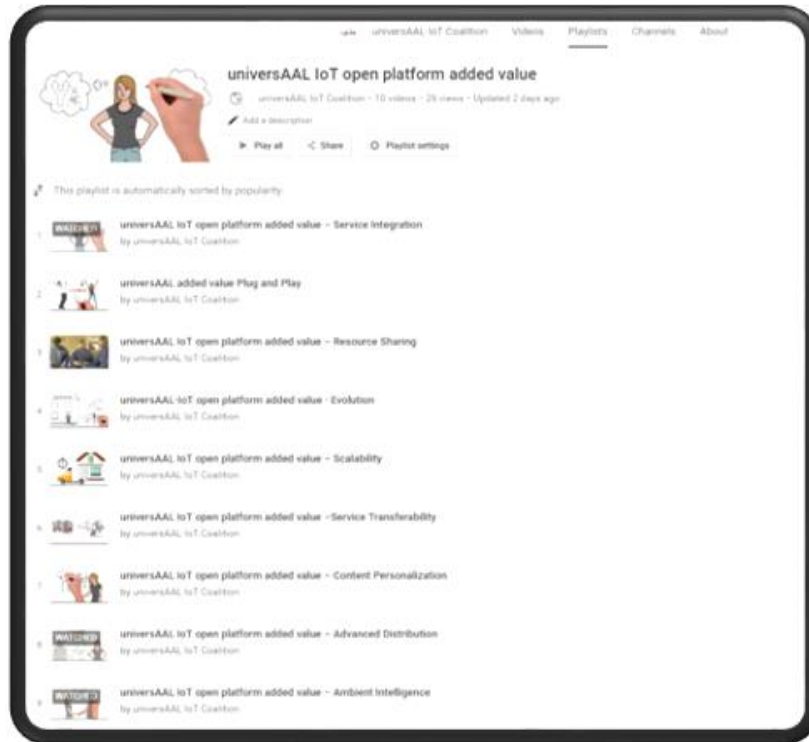


Figure 36. universAAL open platform playlist

- universAAL IoT - Partner product and services

URL: <https://www.youtube.com/playlist?list=PLbxn2kxb8lisiLk-agUKtjR4Ni3jFOZY1>

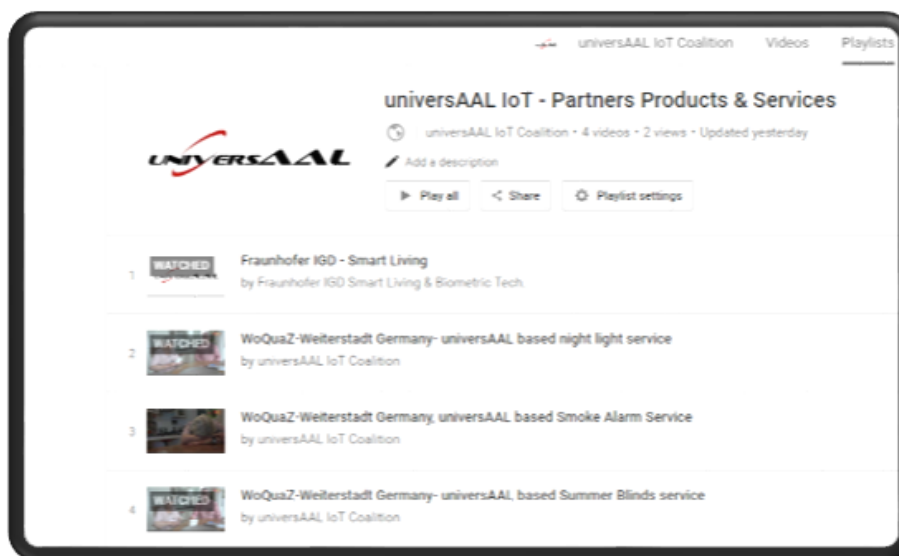


Figure 37. universAAL Partner product and services playlist

3.6.7. Social network Dissemination

The ReAAL use of the social media channel has promoted the awareness of the added value. After two years of ReAAL, the Twitter channel was promoted to be the most prominent for social dissemination where most important events, projects and initiative in relations, same partners are more using twitter rather other social media channels. For that, the focus on the social dissemination was more on Twitter, especially during the market place events.

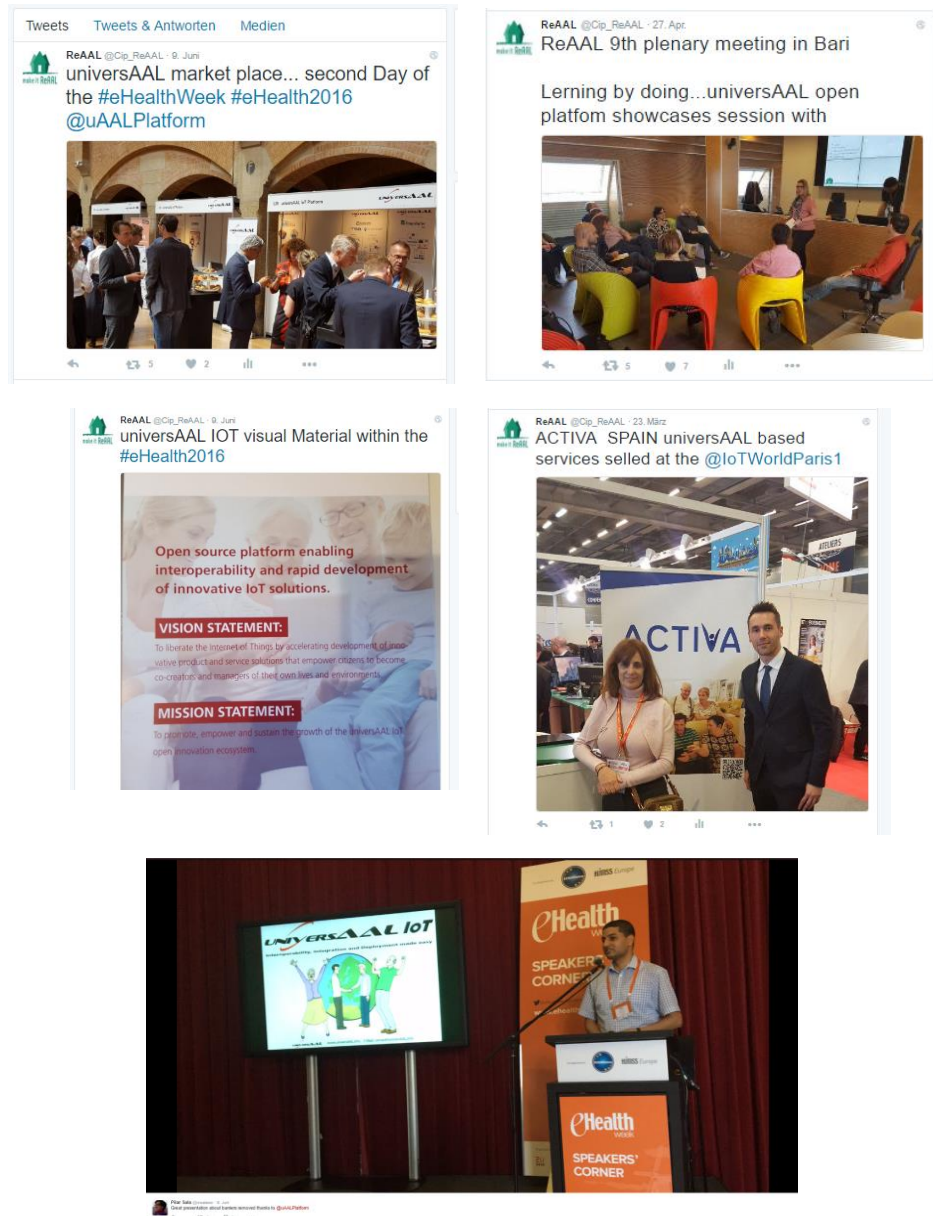


Figure 38. ReAAL social media activities

3.7. Conclusion

The piloting project ReAAL major results are mainly: rollout AAL technology based on the number of users and the application created portfolio, sustain the universAAL platform, increase the awareness of the open platform impact and provide the best set of lesson learned and guidelines...

During the first reporting period, the dissemination activities have been generic, where several stakeholder and community were addressed. This kind of dissemination was explicitly addressed for the first two years of the project to emphasize the project ideas and impacts. The last year dissemination activities, several project results have been identified and qualified. This has allowed more qualitative oriented dissemination where new well dedicated marketing material has been created: Booklets, posters, videos, service marketing posters, universAAL new website, public knowledge portal...

These materials and others has successfully supported creating strong communication channels with services & technology providers and deployers from one side and policy makers from the other side. This has allowed a smooth and target discussion with different stakeholders during the several market place exhibition event the project has organized, same during the last year conferences and debate sessions thus supporting the project achieving its objectives.

4. Partner specific dissemination report

Add to the project common understanding and vision, project partners have different solutions and challenges for some specific problems. This is not only an advantage for project, but also for enlarging the ecosystem around the open platform and the interoperable solution culture. The following subsections highlight the partners' specific dissemination in the favor of the ReAAL project.

4.1. Fraunhofer IGD

4.1.1. Participation in exhibition

Exhibition	Date and location	Description	Targeted group
German AAL Congress 2015	28-30 April 2015 in Frankfurt	The most specialized exhibition in the German AAL and eHealth technology	Services providers Services deployers Policy makers
AAL Forum 2015	22-25 September 2015 in Gehnt	The AAL forum is the biggest event for Ambient Assisted Living Domain. The ReAAL team (Fraunhofer, Trialog and UPV) where to active there through having a booth promoting the added value of the universAAL open platform	The organizations looking for Smart ICT solutions
Zukunft lebensraum 2016.	20-21 April 2016 in Frankfurt	Fraunhofer IGD was too active in the context of the German conference: zukunft lebensräume "future habitats" 2016 in Frankfurt promoting the universAAL open platform and the developed smart solutions	Suppliers: Technology providers
IoT word 2016	23 - 24 Mars in Paris	The internet of things exhibition is the first industrial exhibition to which the ReAAL market place has taken place	Suppliers: technology providers
eHealth Week 2016	8-10 JUNE 2016 AMSTERDAM, THE NETHERLANDS	The biggest eHealth event, Fraunhofer had a booth there	Suppliers: technology providers Demand side

4.1.2. Forums, seminars, workshop, Liaison

Forums, seminars, workshop	Date and location
ICT Lab partner events	15-16 April 2015 in Italy.
Partnership for using uAAL in IoT proposal	15 April 2015 Malaga Spain.
Continua Summer summit	25 June 2015 in Paris

AIOTI-WG 5	Meeting Smart Living environment working group. 9 September 2015, Brussel, Belgium
Visiting ReAAL Norwegian pilot site	Norwegen, 23 April 2015
Visiting ReAAL Spain pilot site	Badalona, 25 September 2015
universAAL training for RNT Suppliers	Rotterdam, 5 June 2015
Visit to the Netherland Associated Pilot	Eindhoven, 10 July 2015
AAL Forum 2015	22-25 September 2015 in Ghent Brussels.
zukunft lebensräume 2016	20-21 April 2015, Frankfurt
IoT world 2016	23-34 March, Paris
AIOTI General Assembly + WG3 meeting	03-04 April 2016 in Brussel.
Neighborhoods for the future	7 April 2016 in Brussels
EIT digit partner events	12 April 2016, Ghent
Future Internet congress	13 April 2016 in Frankfurt

4.1.3. Meeting, business meeting...

Business meeting name	Date and location
Visiting WQZ pilot site with VDE	15.04.2015 in Weiterstadt, Germany
Replication of WQZ solution in Future Living Berlin	01.07.2015 in Weiterstadt, Germany
Workshop and demonstration for the German red Cross	16.04.2015 in the premises of WQZ Weiterstadt, Germany
Meeting with Agaplesion Markus diakonie in WQZ pilot site	19.04.2016 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the WQZ pilot sites inhabitant	21.04.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the FWD Hausbau- und Grundstücks GmbH-homebuilding and land company.	27.05.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the MRK - Consult	02.06.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the WAGO company	09.06.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the DRK Frohnert	29.06.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Reinland Pfalz region	23.07.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Wonbau Dtmold company	28.07.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Bauverein building renting company	29.07.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Landesverband	01.09.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Gersprez Hr. Keiber	01.09.2015 in the premises of WQZ Weiterstadt, Germany

Workshop and demonstration for the UGK Berlin (Futur Living)	19.09.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Johanniter Griesheim	28.09.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Akademie 55	05.10.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Handwerkskammer	06.10.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Hessen IT company	15.10.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Seniorenverband Ober Ramstadt	08.10.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Entega energy company	01.12.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Caparol building company	15.12.2015 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Peter Merschroth	15.01.2016 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the President of the Weiterstadt	18.02.2016 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the economy minister of the Hessen region in Germany, Mr Al Wazir	24.02.2016 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the WISAG Facility Management Hessen	19.04.2016 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Abeeyo	29.04.2016 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Residents am See	08.05.2016 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Zukunft Gutes Wohnen 80 Personen	19.05.2016 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the federal minister Brigitte Zypris	20.05.2016 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Robert Bosch foundation	08.06.2016 in the premises of WQZ Weiterstadt, Germany
Workshop and demonstration for the Prof. Klein AGB Nova Frankfurt	16.06.2016 in the premises of WQZ Weiterstadt, Germany

4.1.4. Paper, publications, articles....

Conf/Journal/newspaper name...	Title	Authors	Event website
Springer Verlage 2016	Enabling an Internet of Things Framework for Ambient Assisted	Helmi Ben Hmida Andreas Braun	http://zukunft-lebensraeume.messefrankfurt.com/frankfurt/d

	Living		e/besucher/willkommen.html
VDE Kongress 2016	Scaling up IoT: impact of semantic open platform	Helmi Ben Hmida Andreas Braun	http://vde-kongress.de/

4.1.5. **Contribution to the discussion, brainstorming and creation of the Hessen region digital strategy:**

Hessische Landesregierung



Strategie Digitales Hessen

Intelligent. Vernetzt. Für Alle





5 Anwendungsbereich | 5.7 Wohnen und Leben

In Hessen existieren zahlreiche Forschungszentren, Projekte und Einrichtungen, die sich mit Assistenzsystemen im Wohnumfeld beschäftigen. Beispiele sind ...

- das Fraunhofer-Institut für Grafische Datenverarbeitung in Darmstadt, welches das Leitprojekt der Europäischen Union „ReAAL“ mit über 6.000 Nutzern in 13 europäischen Regionen koordiniert,
- das hochinnovative Wohn- und Quartierzentrum WoQuaZ in Weiterstadt,
- das Pflegekompetenzzentrum in Aßlar, das 2013 den Preis als bestes europäisches Smart Home-Projekt erhalten hat und
- die Ausstellung „Barrierefreies Wohnen und Leben“ der Frankfurt University of Applied Sciences, die 2013 den Hessischen Staatspreis für Universelles Design bekam.

Figure 39. Hessen Digital strategy report

4.2. AJT

4.2.1. Meeting, business meeting...

Business meeting name	Date and location	Targeted group
Workshop and demonstration for the German red Cross	16.04.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the WQZ pilot sites inhabitant	21.04.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the FWD Hausbau- und Grundstücks GmbH- homebuilding and land company.	27.05.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the MRK - Consult	02.06.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the WAGO company	09.06.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the DRK Frohnert	29.06.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Reinland Pfalz region	23.07.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Wonbau Dtmold company	28.07.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Bauverein building renting company	29.07.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Landesverband	01.09.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Gersprez Hr. Keiber	01.09.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the UGK Berlin (Futur Living)	19.09.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Johanniter Griesheim	28.09.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Akademie 55	05.10.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Handwerkskammer	06.10.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Hessen IT company	15.10.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Seniorenverband Ober Ramstadt	08.10.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Entega energy company	01.12.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Caparol building company	15.12.2015 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Peter Merschroth	15.01.2016 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the President of the Weiterstadt	18.02.2016 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the economy minister of the Hessen region in Germany, Mr Al Wazir	24.02.2016 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the WISAG Facility Management Hessen	19.04.2016 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Abeeyo	29.04.2016 in the premises of WQZ Weiterstadt, Germany	Supply

Workshop and demonstration for the Residents am See	08.05.2016 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Zukunft Gutes Wohnen 80 Personen	19.05.2016 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the federal minister Brigitte Zypis	20.05.2016 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Robert Bosch foundation	08.06.2016 in the premises of WQZ Weiterstadt, Germany	Supply
Workshop and demonstration for the Prof. Klein AGB Nova Frankfurt	16.06.2016 in the premises of WQZ Weiterstadt, Germany	Supply

4.3. Trialog - Perche

4.3.1. Participation in exhibition

Exhibition	Date and location	Description	Demonstrated material
AAL Forum	22-25 September 2015 Ghent, BE	It is the annual platform for the increasing European AAL community	Posters, project presentation and booklets
IoT world	23 March 2016, Paris FR.	First Exhibition on IoT in Paris. Trialog prepares the expo for the project members and associated members.	Perche Pilot presentation and demonstration
eHealth Week 2016	8-10 JUNE 2016 AMSTERDAM, THE NETHERLANDS	The biggest eHealth event, Trialog had a booth there	Suppliers: technology providers Demand side

4.3.2. Demonstration, liaison, visit

Demo/Liaison/ Visits	Date and location	Description	Targeted group	Attendance	Output results
Presentation of the ReAAL Project to local stakeholders for the Perche Pilot.	6 November 2015 – Nogent le Rotrou	Presentation of the Perche Pilot	Local public stakeholders	Laure de La Raudiere – Deputy parlement	Advises and Feedbacks
Regular Meetings with end-users (3 per month)	From 22/12/2015 till 24/06/2016	Presentation, training, demo of the Perche Pilot applications	End-users	End-users	Feedbacks from end-users
Presentation of the ReAAL project to local	6/03/2016 – Thiron-Gardais	Presentation of the Perche Pilot	Local public stakeholders	New potential funding organization	Advises and Feedbacks

stakeholders					
Facebook page for the Perche Pilot	Feb 2016- July 2016	This page is a dissemination material for local stakeholders and end-users https://www.facebook.com/perche.digital	All	Students, public services, end-users, etc	Dissemination

4.3.3. Forums, seminars, workshop

Forums, seminars, workshop	Date and location	Details	Output results
Neighborhoods for the future	11-12 Mai 16 London	Presentation of universAAL	Discussion about universAAL & association and SME Calls.

4.3.1. Meeting, business meeting...

Business meeting name	Date and location	Details	Targeted group	Attendance	Output results
Business meeting with AG2R La Mondiale	6 march 2016 – Thiron-Gardais	Presentation of the Perche Pilot and future extensions	Funding Organisation	AG2R is a big national insurance and health mutual.	Agreement to extend the Perche Pilot
Business with Chalons-en-Champagne stakeholders	20 April 2016 Chalons-en-Champagne	Presentation of the Perche Pilot and Future extension in the region of Chalons	Local public stakeholders	New potential funding organization	Agreement to extend the Pilot



Figure 40. Official announcement of the ReAAL project in the perche pilot site

4.4. Badalona Serveis Assistencials

4.4.1. Demonstration, liaison, visit

Demo/Liaison/Visits	Date and location	Description	Targeted group
Focus group Nomhad	23 February 2016	The focus group follow the project instructions and it was moderated by a external research colleague	Patients, Formal and informal caregivers Technical staff
Focus group BSA Comunica	23 February 2016	The focus group follow the project instructions and it was moderated by a external research colleague	Users of BSA Comunica
Focus group BSA GuiaM	09 March 2016	The focus group follow the project instructions and it was moderated by a external research colleague	BSA's professionals, one of which was also a caregiver supervising her aunt who was a patient with Alzheimer and was using the BSA GuiaM in her daily life
Focus group Showcases	09 June 2016	The focus group follow the project instructions	BSA's professionals:



		and it was moderated by a external research colleague	Administrative support in IT and in European projects Technology provider in Primary Care Services 2 Software developer Technical staff in Innovation Coordinator of Social Accountability Supervisor in nurse recruitment and collaborator with European projects
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4.4.2. Meeting, business meeting...

Business meeting name	Date and location	Details	Targeted group	Attendance	Output results
Meetings with Rehabilitation entities in Badalona	18 Mai 2016	Coordination with another entities to do rehabilitation	BSA IRITEB	Professionals	IRITEB is working with BSA with the Rehabilitation Portal They are identifying some improvements to be able to offer rehabilitation at home
Different meetings with social entities and “Consells de Salut” where we explained BSA Comunica and BSA GuiaM	19 Mai 2016 24 Mai 2016 30 Mai 2016	Area Apenins-Montigalà Area Nova Lloreda Area Progres-Raval	BSA “Consells de salut”	Professionals (health and social workers) Citizens	Most of them knew the app but they will continue explain it in their entities Some entities will collaborate with the content of BSA Comunica
Meetings with different local entities to share contents in BSA Comunica	TUSGSAL: 7 April 2016 and 5 Mai 2016 CNL: 27 April 2016	TUSGSAL is a transport company who want to share labour health habits in BSA Comunica CNL is a local	BSA TUSGSAL CNL	Professionals	Both of them are prescribing BSA Comunica to their workers. Both of them will collaborate with BSA Comunica. They are going to publish some specific contents inside or in a new category.

		organization that protect Catalan and offer citizens some courses and activities to bring Catalan closer			
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4.4.3. Paper, publications, articles....

Conf/Journal/newspaper name...	Title	Authors	Targeted group	Related documents	Output results
Corporate website and International website 26/04/2016	ReAAL's 9th Plenary meeting	Innovation	BSA's professionals	http://apps.bsa.ca/t/drupal/?q=node/128	Recognition
Local newsletter (Montgat) 16/04/2016	"BSA llança dues apps per al foment d'hàbits saludables i orientació"	Municipal team	Citizens (Montgat)		Dissemination One local entity from Mongat has ordered a specific meeting to explain both app (it will take place in Summer 2016)
Twitter	One tweet to show and thank the collaboration with CNL. One tweet to speak about the last meeting to link the	R&D&i BSA	Citizens Society in general		Dissemination Recognition

	services with ReAAL project				
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4.5. ODE

4.5.1. Demonstration, liaison, visit

Demo/Liaison/Visits	Date and location	Description	Targeted group	Attendance	Output results
Focus group Task Scheduling with pedometer	04 February 2016	Focus group interview held on one of the nursing homes	End users (Citizens and caregivers)	Facilitated by Implementation manager together with a colleague from the organisation	Part of ID5.1b
Focus group Rehabilitation Portal	08 February 2016	Focus group interviews held on the training centre	End users (one interview with patients and one interview with physiotherapists)	Facilitated by Implementation manager together with a colleague from the organisation	Part of ID5.1b

4.5.2. Paper, publications, articles....

Conf/Journal/news paper name...	Title	Authors	Targeted group	Event website	Related documents
ReAAL wiki	Experiences and roll-out strategies within the AAL domain	Lars Nico Høgføldt Betina Hansen Flemming Jørgensen	Pilots and associated pilots in ReAAL	ReAAL wiki	
Magasinet Pleje 19/6 2015	I Odense tæller de skridt ("In Odense they count steps")	Journalist Lotte Brochmann	Caregivers and health personnel	http://www.magasinetpleje.dk/article/view/211701/i_odense_tæller_de_s_kridt	feature from Magasinet Pleje.pdf
TV2 Fyn	App hjælper med genoptræning	TV2Fyn	Citizens in general	http://www.tv2fyn.dk/nyheder/2	

	g ("App helps with rehabilitation)			8-10- 2015/1930 /app- hjaelper- med- genoptrae ning	
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4.6. EUR

4.6.1. Demonstration, liaison, visit

Demo/Liaison/Visits	Date and location	Description	Targeted group	Attendance	Output results
Showcase focus group	25 May 2016, Eindhoven maxima Medical Center Hospital	Showcase focus group, led by EUR for the EIC-IL pilot	Service providers, technology providers	EUR, MiBida, MMC and SmartHomes were present 6 people	Discussion about value of open platform, structured by the pilots experiences reported in showcase videos

4.6.2. Forums, seminars, workshop

Forums, seminars, workshop	Date and location	Details	Targeted group	Attendance	Output results
AAL Forum	September 2015, Ghent	we hosted a workshop on impact assessment; how can the value of AAL applications on top of an open platform be assessed?	AAL community, other researchers	EUR & Fraunhofer were organisers, Trialog was present +/- 25 other people	Discussion with audience, awareness about (challenges of) impact assessment
invitational conference iBMG on eHealth and Information exchange	23 October 2015, Erasmus University	Presentation together with Florian Visser of RNT pilot site	Policy makers from ministry, interoperability experts, researchers	EUR and RNT gave a presentation +/- 10 other people	Discussion about ReAAL project; now ministry of health in NL knows more about the project

C2 sprint kick off meeting	February 8, 2015, Brussels	Sprint kick off meeting on Return on Investment of usage of open platforms	Demand, supply, facilitator, intermediate	Demand, supply, facilitator, intermediate	Kick off with ReAAL usage as evidence input
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4.6.3. Paper, publications, articles....

Conf/Journal/newspaper name...	Title	Authors	Targeted group
Bachelor thesis, Health sciences	De belemmerende en bevorderende kenmerken voor de implementatie van Ambient Assisted Living in de ouderenzorg (Facilitators and barriers for the implementation of Ambient Assisted Living in elderly care) [Dutch]	Isaac Adrea [student, supervised by Marleen de Mul, Erasmus University Rotterdam]	policy makers
Master thesis, Healthcare Management	Quantified Self applications on smart phones and tablets: An ideal solution for health management of elderly? A research into the possibilities of Quantified Self applications for elderly in order to advance the self-management and health literacy of elderly people.	Fleurtje Otten [student, supervised by Marleen de Mul, Erasmus University Rotterdam]	scientific audience, policy makers
master thesis, Healthcare Management	Ageing-in-place: the role of communication technology	Kirsten van der Kuijp [student, supervised by Marleen de Mul, Erasmus University Rotterdam]	scientific audience, policy makers
Master thesis, Healthcare Management	E-health and Self-management, Unraveling intertwined constructs	Willeke Glas [student, supervised by Marleen de Mul, Erasmus University Rotterdam]	scientific audience, policy makers
Master thesis, Health Economics Policy and Law	universAAL: universal access?	Kirsten van der Kuijp [student, supervised by Marleen de Mul, Erasmus University Rotterdam]	scientific audience, policy makers
Bachelor thesis, Health sciences	De bijdrage van domotica aan de kwaliteit van leven van ouderen: Een literatuurreview (The contribution of domotics to quality of life of older people: A literature review) [Dutch]	Darryl Smith [student, supervised by Marleen de Mul, Erasmus University Rotterdam]	scientific audience, policy makers

4.7. MedCom

4.7.1. Forums, seminars, workshop

Forums, seminars, workshop	Date and location	Details	Targeted group	Attendance	Output results
European Telemedicine Conference	21-22 October 2015, Odense, Denmark	European Telemedicine Conference, talk about ReAAL in breaks	Telemedicine community, service providers, technology vendors	Telemedicine community, service providers, technology vendors	Wider knowledge of the ReAAL project
WoHIT	11-13 2015 May, Riga	WoHIT, talk about ReAAL in breaks	Demand, Supply, Facilitator	Demand, Supply, Facilitator	Wider knowledge of the ReAAL project

4.7.2. Paper, publications, articles....

Conf/Journal/newspaper name...	Title	Authors	Targeted group	Event website	Output results
Article on the website of Zealand Denmark	Sundhedsteknologi binder sundhedssektoren sammen med hjemmet	Mikkel Romanius, contribution from Kirsten R. Christiansen	The broader public	http://www.zealanddenmark.eu/blog/nyhed/sundhedsteknologi-binder-sundhedssektoren-sammen-med-hjemmet/	Wider knowledge of the ReAAL project

4.8. RNT

4.8.1. Participation in exhibition

Exhibition	Date and location	Description	Targeted group	Output results
EU eHealthWeek	May 11-14, 2015, Riga Latvia	Giving a presentation on the need and current developments of open platform for AAL usage	Demand, Supply, policy makers	Enhanced knowledge and awareness of uAAL

International Health and Wealth Conference	October 16, 2015, Faro	Giving a presentation on the need and current developments of open platform for AAL usage	Demand, Supply, policy makers	Enhanced knowledge and awareness of uAAL
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4.8.2. Demonstration, liaison, visit

Demo/Liaison/Visits	Date and location	Description	Targeted group	Attendance	Output results
eHealth upscaling initiative Rotterdam region	March 22, 2016	Regional initiative to enhance the usage of ehealth and AAL applications, preferably based on an open platform	Demand, Facilitator	Demand, Facilitator	Dissemination on results and usage of open standards and open platforms

4.8.3. Forums, seminars, workshop

Forums, seminars, workshop	Date and location	Details	Targeted group	Attendance	Output results
C2 Meeting	September 25, 2015, Brussels	Talking on uptake of results of ReAAL and universAAL within renovated Action Plan of EIP on AHA C2	Demand, supply, facilitator, intermediate	Demand, supply, facilitator, intermediate	Uptake of ReAAL and universAAL in renovated Action Plan of EIP on AHA C2
EIP on AHA Conference	December 9-10, 2015, Brussels	EIP on AHA Conference	Demand, supply, facilitator, intermediate	Demand, supply, facilitator, intermediate	Wider dissemination and knowledge on ReAAL and universAAL
C2 sprint kick off meeting	February 8, 2015, Brussels	Sprint kick off meeting on Return on Investment of usage of open platforms	Demand, supply, facilitator, intermediate	Demand, supply, facilitator, intermediate	Kick off with ReAAL usage as evidence input
eHealth Week 2016	8-10 JUNE 2016 AMSTERDAM, THE NETHERLANDS	The biggest eHealth event	Suppliers: technology providers Demand side	Enhanced knowledge and awareness of uAAL	

4.8.4. Meeting, business meeting...

Business meeting name	Date and location	Details	Targeted group	Attendance	Output results
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City of Rotterdam	April 28 th , 2015 Rotterdam	To inform City of Rotterdam about the result regarding project ReAAL	Demand	Demand, Intermediate	Wider dissemination
Stichting Digitale Zorg	June 2, 2015, Rotterdam	Getting to know eachother's business, and speaking on opportunities of universAAL wider dissemination	Facilitator, Incubator	Facilitator, Incubator, Intermediate	Further research on possibilities to cooperate
Region of Sealand, Denmark	July, 9, 2015, Brussels	Getting to know eachother's business, and speaking on opportunities of universAAL wider dissemination	Facilitator	Facilitator, Intermediate	Wider dissemination and spread knowledge on universAAL
Stichting Tante Louise/Vivensis	July 23, 2015, Bergen op Zoom	Getting to know eachother's business, and speaking on opportunities of universAAL wider dissemination	Demand	Demand, Intermediate	Wider dissemination and spread knowledge on universAAL
City of Rotterdam	September 9, Rotterdam	To inform City of Rotterdam about the result regarding project ReAAL	Demand	Demand, Intermediate	Wider dissemination
Aafje	September 16, 2015, Rotterdam	Speaking on opportunities of open standards and open platforms in the AAL usage	Demand	Demand, Intermediate	Wider dissemination and spread knowledge on universAAL
G4S	September 23, 2015, Rotterdam	Speaking on opportunities of open standards and open platforms in the AAL usage	Demand	Demand, Intermediate	Wider dissemination and spread knowledge on universAAL
City of Rotterdam	September 9, Rotterdam	To inform City of Rotterdam about the result regarding project ReAAL	Demand	Demand, Intermediate	Wider dissemination

City of Rotterdam	February 4, Rotterdam	To inform City of Rotterdam about the result regarding project ReAAL	Demand	Demand, Intermediate	Wider dissemination
TNO	February 15, 2016, Rotterdam	Speaking on opportunities of open standards and open platforms in the AAL usage	Research	Research, Intermediate	Wider dissemination and spread knowledge on universAAL and ReAAL
Stichting SRZ	May 13, 2016, Rotterdam	Speaking on opportunities of open standards and open platforms in the AAL usage	Demand	Demand, Intermediate	Wider dissemination and spread knowledge on universAAL and ReAAL

4.8.5. Paper, publications, articles....

Conf/Journal/new spaper name...	Title	Authors	Targeted group	Event website	Output results
Radio broadcast	Radio Rijnmond – Vitamine R	F. Visser (May 17, 2016)	Demand, end-users	http://www.rijnmond.nl/vitamine-r	Broadcast of 1 hour

4.9. SmH

4.9.1. Participation in exhibition

Exhibition	Date and location	Description	Targeted group	Output results
Beurs Domotica & Slim wonen	18-19 2015, Eindhoven NL	Exhibition on Home Automation	All	Intern software engineer working with UniversAAL
IoT world	23-03-2016, Paris FR	Exhibition on IoT	All	

4.9.2. Demonstration, liaison, visit

Demo/Liaison/Visits	Date and location	Description	Targeted group	Attendance	Output results
Europa om de hoek	8 – 10 May 2015, Eindhoven NL	Presented universAAL and the	Demand	Demand – supplier	Expose possibilities of universAAL to a

		applications in ReAAL			wide variety of visitors
eHealth Week 2016	8-10 JUNE 2016 AMSTERDAM, THE NETHERLANDS	The biggest eHealth event	Suppliers: technology providers Demand side	Enhanced knowledge and awareness of uAAL	

4.9.3. Forums, seminars, workshop

Forums, seminars, workshop	Date and location	Details	Targeted group	Attendance	Output results
System Architecture Study Group	02/06/2015, Drachten, NL	Seminar on connectivity and its boundaries.	Supply (Philips, ASML)	Supply (Philips, ASML)	Expose possibilities and existence of universAAL
Sign of Time – Smart everything	23/09/2015	Seminar on smart devices	Demand	Demand	Proposal participation AAL call 2016 with universAAL.
Hager partnerdag	23/09/2015	Seminar with all system integrators of Hager Group	Supply	Supply	Expose possibilities and existence of universAAL

4.9.4. Meeting, business meeting...

Business meeting name	Date and location	Details	Targeted group	Attendance	Output results
LizaGroup	21/10/2015, Mechelen, NL	Explore the possibilities of universAAL in practise	Supply	Supply	Developer team start testing universAAL

4.10. UPVLC

4.10.1. Participation in exhibition

Exhibition	Date and location	Description	Demonstrated material
AAL Forum	22-25 September 2015 Ghent, BE	It is the annual platform for the increasing European AAL community	Posters, project presentation and booklets
IoT world	23 March 2016, Paris FR	Exhibition on IoT	All
eHealth Week 2016	8-10 JUNE 2016 AMSTERDAM, THE	The biggest eHealth event. UPVLC had a	Suppliers: technology providers

	NETHERLANDS	booth there within the ReAAL market place	Demand side
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4.10.2. Forums, seminars, workshop

Forums, seminars, workshop	Date and location	Details
V Jornadas TIC (BSA) Las TIC el mejor recurso de hoy para la sanidad de mañana	12 November 2015 Barcelona ES	Professional workshop to share best practices on how ICT can help health and social care provision.
Open Innovation Workshop – Neighbourhoods of the Future	11-12 Mai 2016 London UK	Part of European interconnected Open Innovation Workshops designed to involve key stakeholders in an ongoing and sustainable dialogue about a European Reference Framework for Age-friendly Housing.

4.11. UPM

4.11.1. Demonstration, liaison, visit

Demo/Liaison/Visits	Date and location	Description	Targeted group	Attendance	Output results
Visit of nursing assistant students	May 5, 2016, Madrid	Future caregivers interested on the technology they may use in the future	Demand	Demand	Dissemination of universAAL possibilities and ReAAL example of services
Visit of engineering students	May 27, 2016, Madrid	Future engineers interested on the active aging technology	Supply	Supply	Dissemination of universAAL possibilities and ReAAL example of services

4.11.2. Forums, seminars, workshop

Forums, seminars, workshop	Date and location	Details	Output results
Bioengineering Master	February 18, 2016, Madrid	Class on Ambient Intelligence at the university	Dissemination of ReAAL platform (universAAL) technical characteristics
Seminar on Accesibility	May 9, 2016 Madrid	Seminar on ICT for the Independent Living	Dissemination of ReAAL services and possibilities

4.11.3. Meeting, business meeting...

Business meeting name	Date and location	Details	Targeted group	Attendance	Output results
Visit of chinese businessman	April 11, 2016, Madrid	Chinesse businessman interested on active aging technology	Facilitator	Facilitator	Dissemination of universAAL possibilities and ReAAL example of services

4.12. IBERMATICA

4.12.1. Demonstration, liaison, visit

Demo/Liaison/Visits	Date and location	Description	Targeted group	Attendance	Output results
Focus Group with end users	15 Januar 2016	As part of the scheduled activities in ReAAL, this focus group is made between the different end users with assisted people and caregivers to extract the conclusions about the pilot.	End Users, Payers	End Users, Payers	Profitable results and evaluation data from which many conclusions were extracted
Focus Group with stakeholders	24 Mai 2016	As part of the scheduled activities in ReAAL, this focus group is made between the different stakeholders including the service providers to extract the conclusions about the showcases involved	Service Providers (ACEDE, SSI, Ibermática)	Service Providers (ACEDE, SSI, Ibermática)	Profitable results and evaluation data from which many conclusions were extracted
Behavior prediction in home telecare systems	24 Mai 2016	Presentation about the results in the research for the prediction of the behaviour with the existing data fetched by the infrastructure presented in ReAAL.	Scientists, Students, Professors	Universities, Research Centers and Institutes for new Technologies	More dissemination and new contacts among the scientist community
Visit to elderly associations in Noja (Cantabria)	07 Mai 2016	https://dl.dropboxusercontent.com/u/4540547/ReAALPublic/OINEZ%20cartel.docx https://dl.dropboxusercontent.com/u/4540547/ReAALPublic/REAAL%20FAMILIA%20cartel.docx	General Public but more likely for Elderly people (potential target users)	General Public but more likely for Elderly people (potential target users)	https://dl.dropboxusercontent.com/u/4540547/ReAALPublic/20160507%20Dissemination%20in%20Noja%20Elderly%20Association.docx

4.12.2. Paper, publications, articles....

Conf/Journal/news paper name...	Title	Authors	Targeted group	Event website	Related documents	Output results
BioMed Research International - Volume 2015 (2015), Article ID 201939, 18 pages	Research Article: Lynx: Automatic Elderly Behavior Prediction in Home Telecare	Jose Manuel Lopez-Guede , Aitor Moreno-Fernandez-de-Leceta , Alexiw Martinez-Garcia , Manuel Graña	Scientists, students, Professors	http://dx.doi.org/10.1155/2015/201939	https://dl.dropboxusercontent.com/u/4540547/ReAALPublic/Automatic%20prediction%20of%20Elderly%20behavior%20in%20home%20telecare%20systems_ultima_version.pdf https://dl.dropboxusercontent.com/u/4540547/ReAALPublic/BMRI-2015-Aitor-JM.pdf	Dissemination over AAL community and also in university environments
deia.com	Muskiz usa tecnología a móvil para mayores	Emilio Zunzunegi	News papers readers (general public)	http://www.deia.com/2016/02/09/bizkaia/margen-izquierda-encartaciones/muskiz-usa-tecnologia-movil-para-mayores	https://dl.dropboxusercontent.com/u/4540547/ReAALPublic/20160211%20Difusi%C3%B3n%20deAAL%20Muskiz%20IMG-20160211-WA0000.jpg	Dissemination in new areas of Bizkaia
Ibermatica intranet bulletin	El proyecto Healthy Habits de i3B necesita voluntarios	Ibermatica (Monike Zaballa)	Ibermatica staff	www.ibermatica.com	https://dl.dropboxusercontent.com/u/4540547/ReAALPublic/extranet-ibermatica-com-ProyectoHH.png	5 new contacts were made through this internal dissemination activity
Ibermatica intranet bulletin	Quieres ser una de las	Ibermatica (Monike Zaballa)	Ibermatica staff	www.ibermatica.com	https://dl.dropboxusercontent.com/u/4540547/ReAALPublic/extranet-ibermatica-com-ProyectoHH.png	30 new contacts were made through this

	5000 personas en ayudar a mejorar la calidad de vida de las personas mayores de tu entorno?				4540547/ReAALPublic/extranet-ibermatica-com-5000usuarios.png	internal dissemination activity
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4.13. EIC-IL

4.13.1. Participation in exhibition

Exhibition	Date and location	Description	Targeted group	Demonstrated material	Output results
High Tech Discovery Route ASML& Máxima Medical Centre (MMC) - Dutch Technology Week	ASML, Veldhoven, 28 Mai 2016	During this day, we demonstrated the web application and sensors to visitors of the "High Tech Discovery Route". URL: http://dutchtechnologyweek.com/en/hotspot-asml-%E2%80%93-m%C3%A1xima-medical-center	End users (there were 3000 visitors throughout the day)	Web application (mijnflow.mmc.nl) including video conferencing, accelerometer, heart rate monitor. https://www.youtube.com/watch?v=1RkTFJzMp78	Promotion of tele rehabilitation approach/service among end users, production of promotion material (see additional files)

4.13.2. Demonstration, liaison, visit

Demo/Liaison/Visits	Date and location	Description	Targeted group	Attendance	Output results
Client council MMC	MMC, Veldhoven, 22 April 2015	Presentation of the service, web application and sensors for the client council of MMC (hospital)	End users (Client council MMC)	Client council FLOW (Centre for Rehabilitation and Prevention in chronic disease, MMC)	Useful discussion on increased autonomy for end users. The client council directly advises the hospital's board of directors
Presentation for cardiologists	Catharina hospital Eindhoven,	Presentation about cardiac rehabilitation and	Health care profession	Cardiologists	

sts at Catharina hospital Eindhoven	16 June 2015	future perspectives on cardiac rehabilitation (including demonstration of application)	als (cardiologists)		
Presentation for regional physical therapists	Veldhoven, 28 August 2015	Presentation of the service, web application and sensors for two physical therapist practices in the region	Health care professionals (physical therapists)	Physical therapists	Discussion on care pathway / application, further cooperation with these practices
1st Presentation for multidisciplinary cardiac rehabilitation team	MMC, Veldhoven, 13 October 2015	Presentation of the service, web application and sensors for multidisciplinary cardiac rehabilitation team	Health care professionals (cardiologists, pulmonologists, sports physicians, physical therapists, dieticians, psychologists)	Multidisciplinary cardiac rehabilitation team	Discussion used for further development of service
2nd Presentation for multidisciplinary cardiac rehabilitation team	MMC, Veldhoven, 26 February 2016	See above	See above	See above	Discussion used for further development of service. Refining goal setting for end users.
Focus group	MMC, Eindhoven, 23 Mai 2016	ReAAL focus group with M. De Mul		FLOW; Erasmus University Rotterdam; MiBida; Smart Homes	

4.13.3. Forums, seminars, workshop

Forums, seminars, workshop	Date and location	Details	Targeted group	Attendance	Output results
Conference "OverEINDse dagen"	Cascais, Portugal, 18 April 2015	Workshop on transmural cardiac rehabilitation. Presentation of the service, web application and	Local health care professionals (mainly medical specialists &	120 persons. Catharina Hospital Eindhoven, Máxima Medical Centre Eindhoven/Veld	Local pilot in transmural cardiac rehabilitation (collaboration between MMC and

		sensors. https://transmax.mmc.nl/nascholing/stichting_vereind/overeindse_dagen_2015	general practitioners)	hoven, General Practitioners, other professionals (lab/diagnostics, board of advisors, physiotherapists)	general practitioners)
Local PhD-seminar	MMC, Veldhoven, 02 July 2015	Presentation of the service, web application and sensors at scientific meeting where PhD-students of MMC hospital present their research	Hospital health care professionals	Hospital health care professionals (80 persons)	Stimulating dialogue and uptake
CVOI National Congress on Cardiac Rehabilitation	Ede, 04 July 2015	Session on cardiac telerehabilitation. Presentation of the service, web application and sensors	Health care professionals	Health care professionals (medical specialists, advanced nurse practitioners, physical therapists)	Spreading knowledge, encouraging future providers, stimulate dialogue and uptake
eHealth lecture Fontys Hogeschool	19 January 2016	eHealth lecture for 3rd year nursing students at Fontys Hogeschool, including presentation of the service, web application and sensors	Nursing students	Nursing students	Spreading knowledge, encouraging future providers

4.13.4. Meeting, business meeting...

Business meeting name	Date and location	Details	Targeted group	Attendance	Output results
Brainport Development meeting	Eindhoven, 15 February 2016	Presentation of the service, web application and sensors at Brainport Development Eindhoven Meeting.	Policymakers	Policymakers, FLOW, municipality, home care / social care	Stimulating dialogue and uptake, discussing future services

4.13.5. Paper, publications, articles....

Conf/Journal/new spaper name...	Title	Target ed group	Event website	Related documents
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Máximaal (hospital information magazine MMC) april 2016	Thuis revalideren bij een hartaandoening (photo report)	End users	https://www.mmc.nl/maximaal/archief	https://www.mmc.nl/content/download/104969/992950/file/160032%20Maximaal%20magazine%20nr1%20april%202016.pdf
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4.14. NCSR

4.14.1. Participation in exhibition

Exhibition	Date and location	Description	Targeted group	Demonstrated material (link ...)	Output results
IoT World Paris Expo - Porte de Versailles	23rd & 24th of March 2016	Demonstration of iwelli application and IoT services developed by NCSR	Supply – facilitators	https://www.iwelli.com/welcome/#/about	Dissemination

4.14.2. Demonstration, liaison, visit

Demo/Liaison/Visits	Date and location	Description	Output results
Greek Ministry of Health, Athens	February 2015 – June 2016 Executive office for the ESPA programs – Mr. Stavros Divanis	Informing about the progress of the ReAAL program, contact with Kalivia Health Center thanks to the ties it has with the Ministry of Health. Together with Ministry of Health and with the supervisor of Kalivia Health Center to convince the Regional Authority via express procedure to participate within the ReAAL context.	The request for the Health Center of Kalivia is still pending at the regional authority.

4.14.3. Forums, seminars, workshop

Forums, seminars, workshop	Date and location	Details
The 6th Annual Digital Medicine Academic Meeting of Chinese Medical Association 1st International Conference of Digital Medicine	16-19 June 2016	Conference Topics: <ol style="list-style-type: none"> 1. Digital Engineering Technology Related to the Medicine 2. The Clinical Application of Digital Diagnosis and Treatment Technology 3. Digital Hospital Administration and Medical Education 4. Medical Materials and Advanced Manufacture 5. Application and Development of 3D Printing Technology in the Medical Field

& Medical 3D Printing		
4TH HELLENIC FORUM FOR SCIENCE, TECHNOLOGY & INNOVATION	11 - 15 July 2016	<p><u>Workshop Titles:</u> Population with chronic diseases and polypharmacy. Can ICT help improve patient adherence? http://events.demokritos.gr/?session=eip-on-aha-action-group-1-adherence-in-medical-plans Medical Planning http://events.demokritos.gr/?session=medical-planning</p>
eHEALTH FORUM 2015	3-4 December 2015	eHealth Forum is a new, dynamic event that promotes synergies on multiple levels, between scientists, academics, entrepreneurs — both of the public and private sectors — in the fields of ICT and healthcare in Greece. The conference was a sequence to the eHealth Forum 2014, a very successful event on digital health applications, which brought together hundreds of stakeholders from Greece, Europe and the U.S.A., with the ambition to become an annual event.
POLIS 2015	11-15 November 2015	Polis (http://polis.helexpo.gr/en) is an exhibition about public administration organizations and REAAL was presented by Euroaction's people as an integrated holistic health care approach that local authorities can provide to their citizens .

4.14.4. Meeting, business meeting...

Business meeting name	Date and location	Details
Greek Ministry of Health	April 2016 in the Ministry of Health Athens - Greece	Dr Homer Papadopoulos organised a meeting with executives from the Ministry of Health where he presented the REAAL concept
The Nebsoc project info days	Bari (Italy) on 11 November 2015 and Patras (Greece) on 24 November 2015	<p>NEBSOC is an EU-funded project about combating urban poverty</p> <p>Euroaction is a consultant of the LP and REAAL was presented by Euroaction's representatives as an integrated holistic health care approach for poor people.</p>

4.14.5. Paper, publications, articles....

Conf/Journal/news paper name...	Title	Authors	Event website
49th Hawaii International Conference on System Sciences (HICSS-49)	Knowledge representation nodes towards Learning Health Systems in the session of Designing and Generalizing the Challenge of the Learning Health System, Expanding the Community, and Maintaining Momentum	H. Papadopoulos	http://www.hicss.org