



AALIANCE2

European Next Generation
Ambient Assisted Living
Innovation Alliance

Workshop on AAL Roadmap and SRA March 18, 2014 Stanford

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FP7-ICT-2011.5.4 (Project reference: 288705)

Agenda

9:00 – 9:20	Welcome and Introductions
9:20 – 11:00	Presentation by AALIANCE2 and Stanford Center on Longevity
11:00-12:00	Roadmap Discussions
12:00-1:00	Networking Lunch (provided)
1:00-2:00	Discussions on Potential Collaborations
2:00-2:30	Next Steps

Ambient Assisted Living Joint Program (AAL-JP)

*"AAL is an European Program between Member States that aims to **enhance the quality of life** of older people and **strengthen the industrial base** in Europe through the use of **Information and Communication Technologies (ICT)**."*

Specific objectives:

- develop products and services for aging well at home, in the community and at work;
- create critical mass of R&D and Innovation at European level;
- create markets through common and compatible European solutions;
- include SME's at all levels of activities;
- include Users at all stages of activities.

Societal landscape



Dependency Ratio

- From 1:4 to 1:2
- 80+ doubles by 2025



Empowerment

- Active Ageing



Cost of Care

- Up by 4-8 % of GDP by 2025



New Care Models

- Integrated care
- Large Efficiency gains



Human Resources

- Shrinking work force
- Lacking 20 million carers by 2020



Growth and Markets

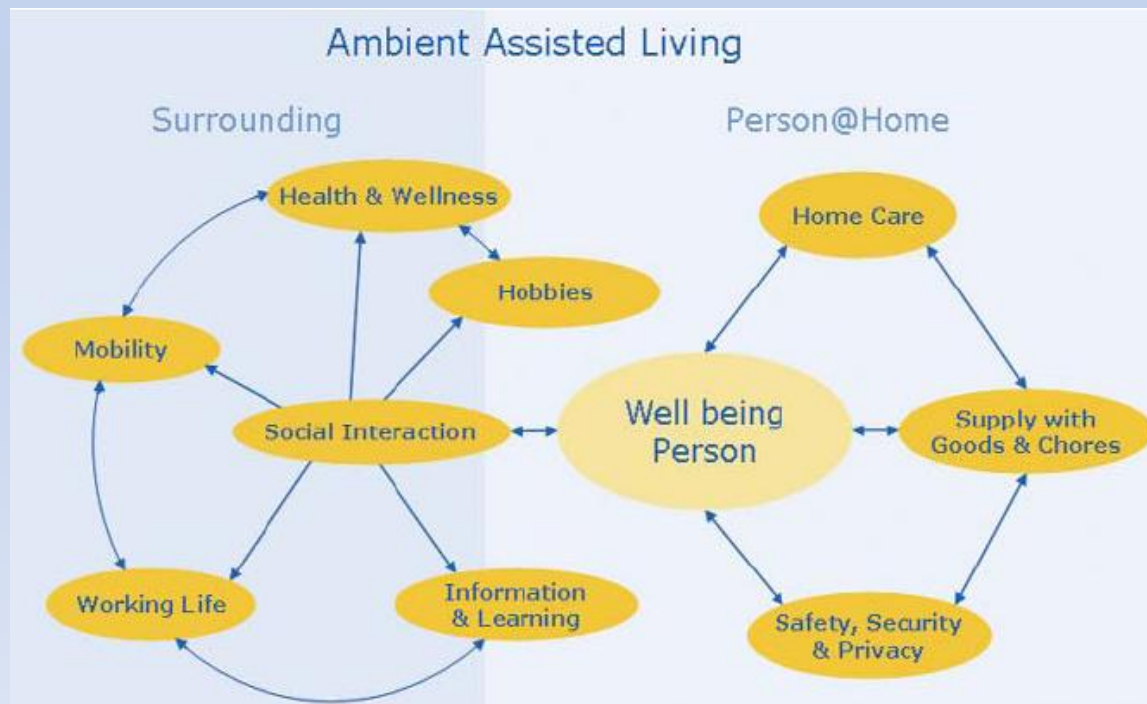
- 3000 B€ Wealth
- 85 Million Consumers and growing

Peter Wintley

Deputy Head of Unit, at European Commission, 2013

Ambient Assisted Living paradigm

- “Ambient Assisted Living” (AAL) denotes concepts, products and services that interlink and improve new technologies and social systems, with the aim of enhancing the quality of life for all people in all stages of their lives.
- AAL could be best translated as **“intelligent systems of a specific assistance for a better and safer life”**.



Applied research

Ambient Assisted Living 2007-2013

Art.185 Joint Programme

Market-oriented ICT research in assisted living technologies & services



2-3 years to market

120+ projects
40%+ SMEs

23 European countries

Σ Budget 600 M€+
EU funding 150 M€








Horizon 2020 2014-2020

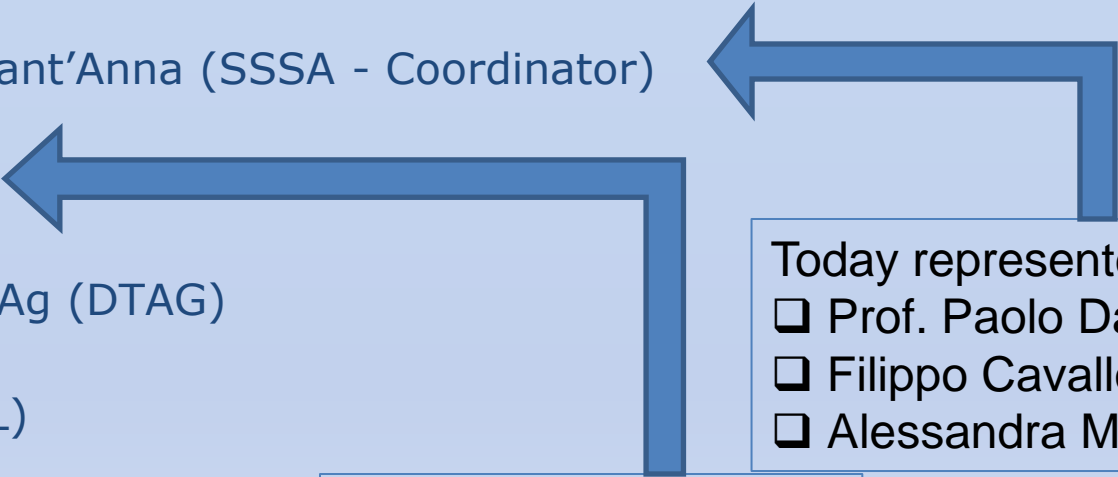


Next Generation European Ambient Assisted Living Innovation Alliance

Starting date:	01-10-2011
Duration:	30 months (March 2014)
Total Project Cost:	€ 1.323.393
Maximum EC contribution:	€ 992.000
Proposal Number:	288705
Funding scheme:	Coordination Action (CA), FP7-ICT-2011.7
Challenge 5:	ICT for Health, Ageing Well, Inclusion and Governance

www.aaliance.eu

-  1. Scuola Superiore Sant'Anna (SSSA - Coordinator)
-  2. OFFIS (OFFIS)
-  3. Deutches Telekom Ag (DTAG)
-  4. Tunstall (TUNSTALL)
-  5. Tecnalía (TECNALIA)
-  6. Age Platform (AGE)
-  7. VanMorgen (VMOR)



Today represented by:

- Prof. Paolo Dario
- Filippo Cavallo
- Alessandra Moschetti

Today represented by:

- Lars Roelker-Denker

AALIANCE2 Objectives (1)

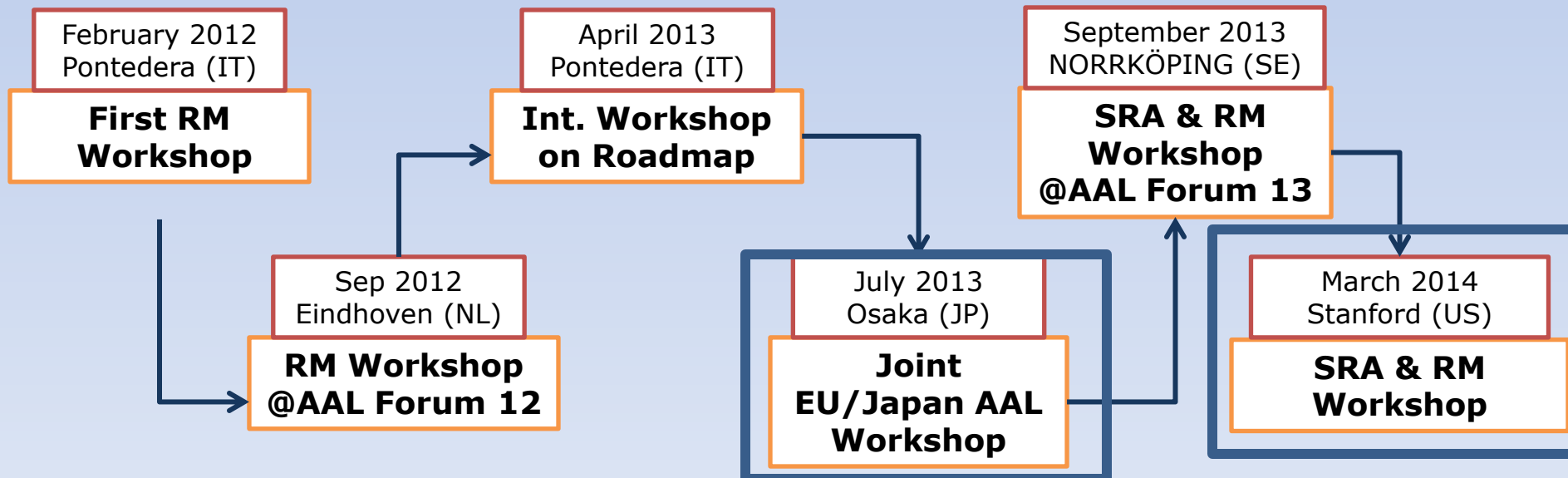
- Investigating the **current SoA and market developments** in AAL in **Europe, North America and Asia** and establishing links to relevant stakeholders;
- Further developing the **AALIANCE2 AAL Roadmap and Strategic Research Agenda** for future technologies and applications;
- Addressing **standardisation** issues and initiating corresponding standardisation activities;
- Developing a pan-European, trade **specific cost/profit and business models** for the European companies and industry associations;

AALIANCE2 Objectives (2)

- Enhancing the **sustainable network of AALIANCE** involving the major AAL Stakeholders;
- Coordinating the various activities of **European industry and research** institutions in the field of AAL;
- Providing **policy recommendations** for political decision makers at European, national and regional level (AAL-JP, EIP-AHA, Innovation Union of Europe 2020, ...);
- **Increasing political awareness** and intensifying activities for the enhancement of new technologies.

Toward AALIANCE2 Roadmap 2014

- **AALIANCE2 Roadmap and Strategic Research Agenda (SRA)**
 - Analysis of the state of art of **AAL technologies**
 - Improvement of the **AALIANCE AAL Roadmap**
 - **Upgrade of the priorities for R&D&I** activities included in the AALIANCE AAL Strategic Research Agenda
 - Workshops to **involve stakeholders** in the development of the AALIANCE2 Roadmap and SRA:



Work on Roadmap2 and SRA2

Four Workshops (101 total participants)



AA2 Workshop 1
Pontedera, IT
14/02/2012



AA2 Workshop 2
Eindhoven, NL
27/09/2012



AA2 Workshop 5
Osaka, JP
05/07/2013



AA2 Workshop 6
Norrköping, SE
24/09/2013

Stands and direct interviews (145 interviewed experts)



ForItAAL 2013
Ancona, IT
23-25/10/2013



AAL Forum 2013
Norrköping, SE
24-26/09/2013



ICT 2013
Vilnius, LT
06-08/11/2013

Work on Roadmap2 and SRA2

Online survey (AGE)
(42 feedbacks)

Tell us what you think of the roadmap for the future of technologies for ageing in Europe!

Welcome to our 3-questions survey on the future of technologies for ageing in Europe. This survey is done thanks to the AALIANCE2 project that aims to launch an EU-wide network, create a roadmap and strategic research agenda, and develop relevant studies and analysis on AAL, i.e. on standardisation, market analysis etc. on Ambient Assisted Living technologies. More information on the project: <http://www.aaliance2.eu/>.

Before answering the survey, we advise you read the short summary of our AALIANCE2 roadmap available to the following link :<http://www.aaliance2.eu/aa2surveydocuments>. Question 1 and 2 are on the document called 'Roadmap'. Question3 is on the second document called 'Key Enabling Technologies'. It will take you 5-10 minutes to answer the questions.

Thank you for your time and for answering these three questions! Your answers will influence the content of the final versions of our roadmap and Strategic Research Agenda.

AALIANCE2 is funded by the European Union.

Next

**Section on the
AALIANCE2 website**






Contributions

AAL Roadmap and Strategic Research Agenda

Hundreds experts from Europe and worldwide contributed to the AALIANCE2 AAL Roadmap and Strategic Research Agenda participating to our workshops (Pontedera-IT 14/02/2012, Eindhoven-NL 27/09/2012, Osaka-JP 05/07/2013, Norrköping-SE 24/09/2013) and providing us feedbacks at AAL Forum 2013, ForItAAL 2013 and ICT 2013.

We need also your experience!

Become AALIANCE2 expert, download the documents and send us your feedbacks!

- Documents:**
-  AALIANCE2 AAL SRA v2.0
 -  Short version of the AALIANCE2 Roadmap
 -  Feedback Form
 -  AALIANCE2 Questionnaire - Recommendations and suggestions
 -  AALIANCE2 Key Enabling Technologies Timeline

How you can contribute:

- Read the Draft and send us suggestions or corrections to improve the documents;
- Compile the tables in those technologies in which you feel to be expert or able to say something;
- If necessary, include some comments on the GAPS;
- Finally, send us your contribution by email at f.cavallo@sssup.it

Market and Business Model analysis

- **Business models** for the implementation of Ambient Assisted Living solutions
 - Capture the current market status for AAL, along with **key market trends**
 - Examine business models, in terms of their **suitability for emergent market demand**
 - **Identifying gaps** between current offerings and those required for emergent care models
 - Define **priorities for service delivery** research and associated business model development to facilitate market growth across the European regions in AAL

Online repository for AAL Standards


- Overview of the current standards related to AAL--> **Online repository of existing standards**
- Analysis of upcoming **standardization and certification needs** in AAL development and research in the next decades
- **Recommend standardization activities** as well as modifications of standardization processes if necessary

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AALIANCE² Summary of Standards



The AALIANCE2 Project is a Coordination Action funded in the European Union's 7th Framework Programme, focussing on Ambient Assisted Living (AAL) solutions based on advanced ICT technologies for ageing and wellbeing of elderly people in Europe. One of the project's main objectives is to build consensus upon upcoming research priorities, standardization and certification needs in the AAL sector, to be published in the AALIANCE² AAL Roadmap and Strategic Research Agenda. As a first step AALIANCE2 collected relevant European and international standards and regulations in the field of AAL.

This online repository provides an overview of current standards in technology related to Ambient Assisted Living (AAL).

Getting Access

Access to the contents of this repository (other than this title page) requires a login. If you are interested, please send us an e-mail and we will create login and password for you. As a guest you have read-only access to these pages. Please feel invited to make your comments and contributions. In this case, please use our feedback form: [aaliance2-formforcomments.doc](#). In case of any questions feel free to contact us: aaliance2@offis.de.

Imprint

For legal information see the [Imprint](#).

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- Health Informatics
- Localization
- Privacy and Security
- Ambient Intelligence
- Robots/ Robotics
- Smart Home
- Accessibility

Establishing a self-sustainable AALIANCE2 Network (WP5)

AALIANCE2 Members will:

- be updated about the AALIANCE2 activities and results;
- **contribute to AALIANCE2 Actions;**
- be updated about the state of art of AAL research and development;
- receive **technical and business-oriented recommendations** for future AAL development in different AAL sectors;
- **interact with experts and stakeholders**
- establish relevant links with stakeholders in **North America, Asia and other world countries;**
- **provide recommendations** to AAL decision makers at European and national level.



Presentation of the AALIANCE2 results to the AAL community

Brussels

March 26, 2014, h9-16

