Ambient Assisted Living, AAL Joint Programme

AAL Call 3 Overview

AAL Info Day

4 June, 2010, Lisbon

Silas Olsson
Acting Head of Unit
AAL Association, Central Management Unit
AAL Central Office, Brussels

http://www.aal-europe.eu/
Overall objectives ...

“The overall objective of the AAL joint programme is 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).”

• Better Quality of Life of elderly people
• Strengthening the industrial base in Europe
• Use of ICT – Tools, Systems and Services
Objectives of AAL JP

• 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
Ambient Assisted Living Joint Programme

- **New funding programme for Europe – Based on EU article 169**
  - 2008 – 2013, total volume ~ 600 M€
    - of which 50 % public funding, 50 % private funding
  - Partner state driven programme
  - EC participation based on article 169 of the EC treaty

- **Status and outlook**
  - Launch of first call for proposals in April 2008
  - Launch of first projects – during 2009
  - Launch of second call for proposals in February 2009
  - First annual AAL JP conference – Vienna September 2009
  - Launch of third call for proposals in April 2010
  - Second annual AAL JP Forum – Odense September 2010
  - First AAL JP Investment Forum – Odense September 2010
ICT for Ageing Well
A Comprehensive EU Approach

**Ageing Well Action Plan**

**FP7**
- Challenge 7 & 5
- longer-term R&D
- integration of new ICT & new ideas
- open platforms and interoperability
- ~400 M€ in total

**AAL JP**
- market oriented R&D
- cost-efficiency
- adaptation to specific demands, ...
- ~600 M€ in total

**ICT CIP**
- large scale trials (using existing technology)
- service and organizational innovation
- business case development, ...
- 50 M€ in total until now

Technology Risk

5-10 years
2-3 years
deployment

Time to Market

5-10 years
2-3 years
deployment
Prevention and management of chronic conditions

• **Solutions for elderly persons with identified risk factors and/or chronic conditions**
• Aiming at solutions **centred on the elderly person** (not the professional or an organization), including citizen empowerment and peer support
• Focused but not restricted to **home environment**, also solutions within the community and when travelling can be proposed
• Focusing on solutions that keep the individual **out of the long-term care and hospitals**.
• Objective is to **enhance the individual’s autonomy**, independence and quality of life
• Collaborative projects – at least three countries
Participation in the first call
56 ranked proposals with 452 partners:

- 47% enterprises!
- 17% user organisations!

Similar figures for call 2
Second Call for Proposals

ICT based solutions for Advancement of Social Interaction of Elderly People

- **Living actively and enjoying life**
  - To ensure that people are allowed and enabled to choose lifestyle and activities as well as their level of social interaction

- **Bridging distances**
  - Physical, psychological or cultural distances may hinder people from maintaining and supporting existing roles and the ability to define new roles

- **Preventing loneliness and isolation**
  - Elderly persons have a higher risk of suffering from loneliness than other age groups
Type of Organisation in Call 2

- SME (46%)
- Research Organisation (21%)
- Large Enterprise (7%)
- University (12%)
- User Organisation (14%)
## Call Statistics

<table>
<thead>
<tr>
<th>Calls figures</th>
<th>AAL-2008-1</th>
<th>AAL-2009-2</th>
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<tbody>
<tr>
<td>Total no. of proposals</td>
<td>118</td>
<td>104</td>
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<tr>
<td>Total budget</td>
<td>376 Mio €</td>
<td>282 Mio €</td>
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<tr>
<td>Total requested funding</td>
<td>232 Mio €</td>
<td>163 Mio €</td>
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<tr>
<td>Total available funding budget</td>
<td>57.7 Mio €</td>
<td>60.9 Mio €</td>
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<tr>
<td>Total number of partners</td>
<td>958</td>
<td>762</td>
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<tr>
<td>Average partners per proposal</td>
<td>8.1</td>
<td>7.3</td>
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<tr>
<td>Average total budget per proposal</td>
<td>3.18 Mio €</td>
<td>2.71 Mio €</td>
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<tr>
<td>Average funding request per proposal</td>
<td>1.97 Mio €</td>
<td>1.57 Mio €</td>
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<tr>
<td>Proposals having passed the evaluation</td>
<td>56</td>
<td>54</td>
</tr>
<tr>
<td>Projects funded</td>
<td>23</td>
<td>Ongoing negotiations</td>
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</table>
AAL Call 3 for Proposals (AAL-2010-3)

ICT-based Solutions for Advancement of Older Persons’ Independence and Participation in the Self-Serve Society”
Background of Call 3

The AAL JP is a demand-driven R&D funding programme for innovative ICT-based solutions (products, services, and systems) in all aspects of ageing well.

The programme co-funds projects within the open-innovation and user-driven-innovation paradigms between minimum three partners from three AAL JP Member States.

The time-frame for market introduction is two to three years after the end of the project.
Background of Call 3

The first call was launched in 2008. The call was focussed on health to incorporate existing knowledge and activities in the technology field into the AAL JP.

Call 2 (2009) was focussed on social inclusion of elderly by ICT technology to address the special “digital challenges” by the group of older citizen.

Call 3 is focussed on digital solutions (“end-to-end”) in transport, in the home- and immediate- environment of the older person.
The aims of call 3 are to augment:

- End-user-Quality of Life
- Inclusion of older persons in the "self serve society"
- Stimulate innovative technology, service-, and business-models in the field of AAL
ICT-based Solutions for Advancement of Older Persons’ Independence and Participation in the “Self-Serve Society”

Call 3 Call Application areas in Focus:

Home environment and related activities of daily living – at home, on holiday, in visits (“mobile enabled solutions”).

Transportation and travel

As seen from the primary end-user’s perspective!
Call 3 Call Title:

ICT-based Solutions for Advancement of Older Persons’ Independence and Participation in the “Self-Serve Society”

“Self-serve society” refers to the main characteristic of the wished-for service solutions

Call 3 Call Application areas in Focus:

Home environment and related activities of daily living – at home, on holiday, in visits (“mobile enabled solutions”).

Transportation and travel

As seen from the primary end-user’s perspective!
## Partner States Today

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<thead>
<tr>
<th>Country</th>
<th>National funding amount in AAL Call 3, Mio. €</th>
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<tbody>
<tr>
<td>Austria</td>
<td>2.5</td>
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<td>Cyprus</td>
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<td>France</td>
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<td>Greece</td>
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<td>Italy</td>
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<td>Luxembourg</td>
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<td>Norway</td>
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<tr>
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<td>1.1</td>
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</tbody>
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23 countries **Approx 30 Mio. €**

20 EU, 3 non EU countries
Criteria & instructions

• The eligibility criteria of the Call consist of two parts:
  – Eligibility criteria applied to the project proposal as a whole
  – National eligibility criteria applied to each project partner

• Instructions concerning the content, structure, scope, extent, etc. of the project proposal
  – Characteristics of AAL Collaborative projects
  – Proposal requirements
  – Potential benefits

• Special guidelines / frameworks for certain important aspects of AAL projects
  – Ethical aspects
  – End user involvement
  – Business model development

• Evaluation criteria
Eligibility criteria

- Submission of a complete proposal through the AAL electronic submission system before the deadline, as specified in the Call for Proposals
- English as the language of the proposal
- Consortium composition of at least 3 independent eligible organizations (legal entities), from at least 3 different AAL Partner States participating in the Call for Proposals
  - Consortium must include at least one eligible business partner
  - Consortium must include at least one eligible SME partner which can be the business partner
  - Consortium must include at least one eligible end-user organization

- Size of the consortium: 3 – 10 partners
- Duration of the project: 12 – 36 months
- Common start date for all partners
- Adherence to the specifications for structure and technical details (e.g. page count) of the proposal submission.
National eligibility criteria

• Eligible for funding are only organizations that:
  – Reside in a AAL member country that participates in the Call
  – Are explicitly included in the national eligibility criteria
  – Pass the national check for fiscal & financial viability

• Countries participating in the Call and the national eligibility criteria are published as part of the call information package

• *It is highly recommended to consult with the AAL National Contact Point (NCP) prior to submission of a proposal!*
Characteristics of AAL collaborative projects

- Aims at ICT-based solutions to identified user needs
- Time-to-market perspective of 2 to 3 years after end of the project
- Project total budget: 1 - 7 M€
- Maximum funding from the AAL Joint Programme: 3 M€.

- Significant involvement of industry and other business partners, particularly SMEs. Maximum 1/3 of total efforts in the project (hours/man months) should be performed by research partners (total of all such partners).
- Realistic pilot trials as integrated parts of the project
- Proactive end-user involvement throughout the project
- Defined market segment(s), use cases and target group(s) and address the wishes and needs of these specific group(s).
End user involvement – Annex 6

• Who are the relevant end-users in this proposal (primary, secondary and tertiary)?

• Who are stakeholders and what is their role? (who will use the solution, who will pay for it, who will decide on or regulate purchase, distribution and use?)

• How will the needs and wishes of the relevant end-user groups be expressed and integrated in the different project stages?

• How will privacy concerns, dignity and other relevant ethical issues be dealt with?

• If primary end-users include persons with reduced cognitive capabilities, how will they be involved and their dignity and privacy respected, and who will represent them and protect their interests if they cannot do it themselves?

• How will the innovation potential of the end-users be explored and mobilized?
A major challenge in bringing new solutions (products, systems and service concepts) to the market within about 2 to 3 years after the project end is to find a good business model.

Project should approach business model development in a systematic manner utilizing a suitable conceptualization framework.

Different actors of the value network should be involved: end-users, payers (before or after procurement), delivery partners, service providers, integrators.
Evaluation and selection criteria

- Evaluation criteria (Scoring 1-5 for each criterion)
  - Relevance and Innovation (weight 1)
  - Scientific and technical quality (weight 1)
  - Quality of the consortium and efficiency of implementation (weight 2)
  - Potential impact (weight 2)

- Selection criteria – guided by the outcome of the evaluation process:
  - Maximizing the total quality of the project portfolio of the Call (by the outcome of the evaluation process)
  - Optimizing the usage of the available funding of the Call
  - Ensuring sufficient thematic spread and avoiding directly overlapping projects to be funded in AAL Joint Programme
  - Ensuring participation of project partners from as many AAL Partner States participating in the Call as possible
PROCEDURE

AAL JP Call

Evaluation, Decision

Negotiation, Consortium agreement

Administration of running Projects

Publication

3 months

3 months

3 months

2-3 years
### Main time-table AAL JP Call 3 (2010)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>URL</th>
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<tbody>
<tr>
<td>23rd of April 2010</td>
<td><strong>Publishing of call 3</strong></td>
<td><a href="http://aal-europe.eu">http://aal-europe.eu</a></td>
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<tr>
<td>31th of May 2010</td>
<td>InfoDay Call 3, Brussels</td>
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<td>May-June</td>
<td><strong>National Info Days</strong></td>
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<tr>
<td>30th of July 2010</td>
<td><strong>CLOSE of CALL 3</strong></td>
<td>At 17:00 CET</td>
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<tr>
<td>From October</td>
<td>Start Budget opt. Rec.-proposals, Negotiat.</td>
<td>Central CMU + Funding Agencies</td>
</tr>
<tr>
<td>From December</td>
<td>Funding contracts</td>
<td>Funding Agencies</td>
</tr>
</tbody>
</table>
It is highly recommended to consult with the AAL National Contact Persons (NCP) prior to submission of a proposal.

Thank you for your attention

Silas Olsson
silas.olsson@aal-europe.eu
AAL, Central Office, Brussels

Ambient Assisted Living Joint Programme  http://www.aal-europe.eu/
EU ICT and Ageing Well Initiatives  http://ec.europa.eu/einclusion
Best Practice Portal  http://www.epractice.eu

http://www.aal-europe.eu/
Accompanying Activities

- **2008**: AAL Policy Workshop (together with the AALIANCE Group)

- **2009**: The AAL JP Forum in Vienna
  - Two workshops with European Regions
  - Participation in a workshop on Interoperability and Standards
  - Participation at the ICT Conference in Lyon

- **2010**: Barcelona; Workshop with European Regions
  - The AAL JP Forum in Odense
  - The AAL JP Investment Forum Odense
  - Interoperability and Standards (Belfast and Lisbon particip.)
The aims of call 3 are to augment:

• End-user-Quality of Life

• Inclusion of older persons in the “self serve society”

• Stimulate innovative technology, service-, and business-models in the field of AAL
Background of Call 3-(2):

The first call was launched in 2008. The call was focussed on health to incorporate existing knowledge and activities in the technology field into the AAL JP

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AAL JP Call 3

AAL Call 3

Info Day today
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23 countries: **Approx 35 Mio. €**

20 EU, 3 non EU countries
Distribution of the population (EU25) per age group (1950 – 2050)

Source: UN World Population Prospects (2002 Revision) and Eurostat 2004 Demographic Projections (Baseline scenario)
Next AAL JP Forum
Odense, Denmark, 15-17 September, 2010

First AAL Investment Forum – in Odense

Suggestions welcome!

Welcome to Odense!
Application fields, prel.

- **Neurodegenerative diseases (Alzheimer/Parkinson/cognitive disorders), memory recall, cognitive stimulation,...**

- **Diabetes: for people having diabetes**

- **Cardio: for cardiovascular disorders**

- **Sensory: for sensorial disorders (deafness, blindness, vision issues...)**

- **Mobility: for improving mobility, stimulating physical activities**

- **Osteo: for osteoarticular disorders (arthritis....)**

- **Generic: general approach integrating different services medical, nutritional, exercise, social,...**

- **Others: not within the other categories**
Second Call for Proposals

Content categories Call 2 – preliminary

- Tele-presence (face-to-face....)
- Social networks (FaceBook....)
- Communication (Interfaces....)
- Games (serious games)
- Miscellaneous (health, nutrition, libraries, coaching)
Organisation of the AAL Association
Legal Entity of AAL JP

AAL Association

General Assembly
Final decision body of the association

Executive Board
4 Members (Germany, Hungary, Spain, Sweden)
Represents the Association
Manages
legal relations; work programme; budget, calls

Management Unit
Central Management Unit Staff – 5-6 persons
National Coordinators - one per country

European Commission

Advisory Group

Working Groups
working programme
Call preparation
workshops
etc
IST Policy Context

- EC support to Ambient Assisted Living Joint R&D Programme, June 2007
- European e-Inclusion Initiative “To be part of the information society”, Nov 2007
- EU Parliament and Council, AAL Co-decision, June 2008
Second Call for Proposals

Call AAL-2009-2 - all 104 submitted proposals

Call figures

- Total budget in proposals, 282 Mio €
- Total requested funding, 163 Mio €
- Total available funding budget, 60.9 Mio €
- Average quota requested funding vs. total project costs, 61 %
- Total person-months efforts, 34,248
- Average costs per person-month, 8,443 €
- Total number of partners, 762
- Average partners per proposal, 7.3
- Average total budget per proposal, 2.71 Mio €
- Average funding request per proposal, 1.57 Mio €
Evaluation Criteria

1. Relevance

2. Scientific and technical quality

3. Quality of the consortium and efficiency of the implementation

4. Potential impact
AAL JP Forum, Vienna

- September 2009
- 600+ participants
- 40 approx exhibitors
- Representations from Governments, authorities, regions/municipalities, users, researchers, industry, insurance organisations, buyers, investors/risk-capital
Other AAL related activities

- AALIANCE (FP7 project) final conference
  Malaga 11-12 March, 2010

- “Demographic Change” - EU Members States initiative with the aim to create a wide scope Joint Programme
  - will be discussed/approved in the Council in May 2010
Participation in the first call

Number of Partners

- 36
- Large enterprise
- Research organisation
- SME
- University
- User organisation
- Other
Consortium Composition

• Consortium must include at least three independent eligible organisations from at least three different AAL Partner States participating in the Call for Proposals
• Consortium must include at least one business partner
• Consortium must include at least one SME partner which can be the business partner
• Consortium must include at least one end-user organization

• Compliance of the consortium members to the specific national eligibility rules found at www.aal-europe.eu/AAL-2009-2
• Adherence to the specifications for structure and technical details (e.g. page count) of the proposal submission.
The social interaction context of elderly persons

Well Being Person

- Neighbours
- Family & Friends
- Community & Society
- Services (Human or technology centred)
- Networks of lifetime (education, work, common interests)
- New experiences
- Meaningful Activities

Distance, Vicinity, Support, Need, Information, Participation, Stay Involved, Mutual Help, Access, Familiarity, Interest, Satisfaction, Be Motivated, Keep in Touch
Needs and Opportunities
Thematic Areas