Ambient Assisted Living, AAL
Joint Programme

Portugal Information Day
Brussels, 6\textsuperscript{th} March 2013

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Director
AAL Association, Central Management Unit

http://www.aal-europe.eu/
(1) Excluding French overseas departments in 1990; 2010, provisional; 2020-2060 data are projections (EUROPOP2010 convergence scenario).
Source: Eurostat (online data codes: demo_pjanind and proj_10c2150p)
Demographic Trends (2/2)

Population pyramids, EU-27, 2010 and 2060

Source: Eurostat 2011 Demographic Projections

(1) 2060 data are projections (EUROPOP2010 convergence scenario).
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 ageing 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
Funding programme for Europe
- 2008 – 2013, total volume ~ 600 M€
  of which 50 % public funding, 50 % private funding
- Partner state driven programme
- EC participation based on article 185 of the Treaty on the Functioning of the European Union (TFEU)
Each country commits to a contribution in the virtual pot

EC commits to contribute with up to 23 M€ to the virtual pot

Each country funds its own participant within its committed contribution + the proportional EC contribution
Stages of research and innovation

Driven by Member States

European Innovation Partnership on Active and Healthy Ageing

ICT for Ageing Well
A wider picture

JPI
More Years, Better Lives

FP7 eHealth
FP7 ICT & ageing
AAL JP

ICT CIP eHealth
ICT CIP eAgeing

Longer term research
Applied research
Innovation validation
Uptake / deployment

More Years, Better Lives
Previous Calls 1-5

• Call 1 asked for proposals related to “management of chronic health conditions”
• Call 2 was for ICT-based solutions advancing “social interaction of elderly people”
• Call 3 focused on “ICT-based Solutions for Advancement of Older Persons’ Independence and Participation in the Self-serve Society”
• Call 4 asked for proposals focused on “ICT-based Solutions for Advancement of Older Persons’ Mobility”
• Call 5 was for “ICT-based Solutions for (Self-) Management of Daily Life Activities of Older Adults at Home”

So Call 6 should differ from those
Comparative NFA Funding Commitments (in M€)

- Total NFAs Commitment
- EC Contribution

Call 1 | Call 2 | Call 3 | Call 4 | Call 5
--- | --- | --- | --- | ---
 Total Commitment | | | | |
Comparative number of proposals submitted

Number of submitted proposals

Call 1 | Call 2 | Call 3 | Call 4 | Call 5
--- | --- | --- | --- | ---
110 | 100 | 90 | 80 | 150

AAL AMBIENT ASSISTED LIVING
Comparative participation of SME in submitted proposals

Number of SMEs in the submitted proposals

<table>
<thead>
<tr>
<th>Call</th>
<th>Number of SMEs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call 1</td>
<td>350</td>
</tr>
<tr>
<td>Call 2</td>
<td>325</td>
</tr>
<tr>
<td>Call 3</td>
<td>300</td>
</tr>
<tr>
<td>Call 4</td>
<td>450</td>
</tr>
<tr>
<td>Call 5</td>
<td>500</td>
</tr>
</tbody>
</table>
Comparative participation of SME in submitted proposals

<table>
<thead>
<tr>
<th>Call</th>
<th>Participation (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call 1</td>
<td>40</td>
</tr>
<tr>
<td>Call 2</td>
<td>45</td>
</tr>
<tr>
<td>Call 3</td>
<td>50</td>
</tr>
<tr>
<td>Call 4</td>
<td>55</td>
</tr>
<tr>
<td>Call 5</td>
<td>40</td>
</tr>
</tbody>
</table>
## Organisation type involved with AAL JP projects

<table>
<thead>
<tr>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Large enterprises</td>
<td>9%</td>
<td>7%</td>
<td>10%</td>
<td>10%</td>
<td>7%</td>
<td>10%</td>
</tr>
<tr>
<td>SMEs</td>
<td>38%</td>
<td>46%</td>
<td>49%</td>
<td>52%</td>
<td>44%</td>
<td>19%</td>
</tr>
<tr>
<td>User and other organisations</td>
<td>18%</td>
<td>14%</td>
<td>11%</td>
<td>11%</td>
<td>21%</td>
<td>6%</td>
</tr>
<tr>
<td>Research organisations</td>
<td>19%</td>
<td>21%</td>
<td>19%</td>
<td>14%</td>
<td>12%</td>
<td>35%</td>
</tr>
<tr>
<td>Universities</td>
<td>16%</td>
<td>12%</td>
<td>9%</td>
<td>13%</td>
<td>16%</td>
<td>30%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>
Number of submitted proposals and funded projects

NB: Call 5 proposals invited for negotiation/reconfiguration
“ICT-based Solutions for Supporting Occupation in Life of Older Adults,”

Call 6 aims at the development of ICT-based solutions which enable older adults to continue managing their occupation – at work in an office, a factory or any working environment; in a first or subsequent career, in paid or voluntary occupation including local social activities – while preserving health and motivation to remain active.
Occupation in the context of this Call 6 is defined as **paid and unpaid activity** that results in **benefit for the community, society and economy.**

The AAL Joint Programme is looking for ICT solutions to promote, enhance and sustain:

- **paid activity** (including but not exclusive to professional, entrepreneurial/small business and self-employment)
- **unpaid activity** (e.g. volunteering, knowledge sharing, counseling).
Empirical evidence suggests that the biggest **challenges for older workers** are physical strain, mental stress and smaller age-related limitations.

This is accompanied by **increased skills and competence** based on work experience and changing values and attitudes towards work and career.

Developments in technical and organisational means to **retain the knowledge**, expertise and abilities of older workers in the workforce – on a paid or voluntary basis - will help to lessen any potentially detrimental effects of demographic ageing on economic development.
The application areas can be, but are not limited to:

- Adapting the way of working by thinking about new concepts for flexible systems in a dynamic labour market to **keep seniors motivated and active** in work or other meaningful activities.
- Developing, adapting and/or re-designing the place of occupation to **age-specific conditions** to sustain occupational health, while coping with the specific environmental conditions.
- Coping strategies or processes (e.g. stress or time management) and technologies (e.g. for handling heavy or small things) that can help older adults **adapt physically and cognitively** with their tasks (e.g. at work, in community activities or voluntary organisations) maintain their quality of life and envisage the work-life balance.
Application Areas II

• Improving **occupational lifestyle** preserving health (e.g. through personal risk assessment) and supporting behavioural changes (e.g. through smart advisory tools)

• **Training devices** according to physical capacities and usability demands, in/outdoors

• Developing **means for learning** and training of older workforce

• Addressing **intergenerational knowledge transfer** to use skills and competencies based on experience
Aim of the Call: Optimization and creation of synergies in the interaction between human and technical systems

Non-aims:
• Rationalization of working staff
• Full automatisation
National commitments for AAL JP Call 6

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>Commitment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td>1,500,000 €</td>
</tr>
<tr>
<td>Belgium</td>
<td>1,000,000 €</td>
</tr>
<tr>
<td>Cyprus</td>
<td>200,000 €</td>
</tr>
<tr>
<td>Denmark</td>
<td>500,000 €</td>
</tr>
<tr>
<td>Finland*</td>
<td>0 €</td>
</tr>
<tr>
<td>France</td>
<td>1,000,000 €</td>
</tr>
<tr>
<td>Germany</td>
<td>3,000,000 €</td>
</tr>
<tr>
<td>Hungary</td>
<td>500,000 €</td>
</tr>
<tr>
<td>Ireland</td>
<td>500,000 €</td>
</tr>
<tr>
<td>Israel</td>
<td>500,000 €</td>
</tr>
<tr>
<td>Italy**</td>
<td>1,100,000 €</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>600,000 €</td>
</tr>
<tr>
<td>Netherlands</td>
<td>1,800,000 €</td>
</tr>
<tr>
<td>Norway*</td>
<td>0 €</td>
</tr>
<tr>
<td>Poland</td>
<td>500,000 €</td>
</tr>
<tr>
<td>Portugal</td>
<td>400,000 €</td>
</tr>
<tr>
<td>Romania</td>
<td>1,000,000 €</td>
</tr>
<tr>
<td>Slovenia</td>
<td>200,000 €</td>
</tr>
<tr>
<td>Spain</td>
<td>2,050,000 €</td>
</tr>
<tr>
<td>Sweden</td>
<td>1,000,000 €</td>
</tr>
<tr>
<td>Switzerland</td>
<td>4,000,000 €</td>
</tr>
<tr>
<td>UK</td>
<td>1,250,000 €</td>
</tr>
<tr>
<td><strong>20 countries</strong></td>
<td><strong>22.6 Mio. €</strong></td>
</tr>
</tbody>
</table>
Proposal Submission

http://proposals.aal-europe.eu

A proposal is composed of two parts:

- **Part A:** “Administrative information” – web-based submission tool.

- **Part B:** Template on the call web-site; PDF file to be uploaded in the submission web-site.
The Part A is generated using the web-based submission tool:

- Structured abstract
- Partner types and contact details
- Budget forms, with funding schemes
- Eligibility semi-automatic check
Proposal Part B
Summary of sections

Cover / Title page, content page

Section 1: relevance and scope (6 pages max.)
The ideas, models and the potential contribution to the services for the elderly.

Section 2: quality of the proposal and workplan (11 pages max.)
How the proposal may materialize the idea in a project.

Section 3: quality of the consortium and project management (8 pages max.)
Who can and should do what in the proposed project?
Proposal Part B
Summary of sections

Section 4: potential impact of the proposed solution on quality of life (3 pages max.)

Benefit for older adults.

Section 5: potential impact of the proposed solution on market development (3 pages max.)

Exploitation of the potential ideas and solutions of the proposal.

Annex: Ethical declaration table
Call Closure Date:
30 April 2013, 17.00 CET

- One proposal / consortium
- Central submission system – do not wait until the last minute!!!!
- English as working language

Results are expected October 2013
CHARACTERISTICS OF AAL JP PROJECTS

- Demonstrate realistic business case with time-to-market perspective of maximum 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 are encouraged. The efforts by industry and other business partners is expected in total to be 50% or more (in person months).
- Proactive end-user involvement throughout the life of the project
Under the AAL JP central and national eligibility criteria are applied:

- The central eligibility criteria have been agreed upon by all participating AAL member states. Applicable to all proposals.
- National eligibility criteria are defined by the AAL member States. National eligibility criteria stem from the national funding programme(s) that provide the national funding for national project partners under the AAL JP. Applicable to national partners.
CONSORTIUM LEVEL
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
• Size of the consortium: 3 – 10 partners
• Duration of the project: 12 – 36 months
• Adherence to the specifications for structure and technical details (e.g. page count) of the proposal submission.
CONSORTIUM LEVEL
ELIGIBILITY CRITERIA II

• 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 for profit business partner

• Consortium must include at least one eligible for profit SME partner which can be the business partner

• Consortium must include at least one eligible end-user organization
The national funding rules define the concrete participation conditions for project partners under the AAL JP:

- eligibility of types of organisations (e.g. in some AAL partner States, universities or user organisations are excluded from funding)
- national funding quota (the quota may vary for the same type of organisation between AAL partner States)
- eligible costs
- other national rules (e.g. funding of large enterprises and compulsory participation of certain entities)
- Eligible for funding are only organisations that are explicitly included in the national eligibility criteria published as part of the Guide for Applicants.
MORE DETAILS

• It is highly recommended to contact the AAL National Contact Persons (NCP) prior to submission of a proposal (list of NCPs and contact data can be found on the AAL JP website www.aal-europe.eu).

• In some countries, establishing contact with the NCP prior to the submission of the proposal is a requirement for being eligible for funding.

Description of national eligibility criteria: Annex to the Guide for Applicants (www.aal-europe.eu/calls) or from the sites of the NFAs
The **AAL Partner Search** tool allows to:

- Search/add an activity profile of an organisation
- Search/add a project idea

- Nearly 400 activity profiles available;
- The “Project ideas for Call 6” Section is already open.
- [http://ps.aal-europe.eu](http://ps.aal-europe.eu)
Welcome to the AAL Partner Search facility

This AAL Partner Search Facility is a service provided by the AAL Joint Programme offering two alternatives for finding partners or being found by partners for AAL projects:

- The publication of an activity profile of an organisation. The profile shall describe the capabilities of the organisation to contribute to the scope of the launched call for proposals. All profiles can be browsed and searched for by any user of this tool.

- The submission of a short project idea in order to find additional project partners. The uploaded information should specify the rough project idea, as well as the (current and) missing expertise required to form a convincing consortium.

Rules and conditions for this service:

- All persons wishing to upload information need first to register to this portal. Registered persons may change or delete their information at any time. To keep the entries as actual as possible, the lifespan of the entries is limited.

- The administration of both types of entries lies solely and completely with those who submitted them.

- Entries under this web platform are not moderated nor supervised. There is no editorial support provided from the providers of this tool.

For technical questions in relation to the service (or if you lost your login data), please use the contact form.
<table>
<thead>
<tr>
<th>Title</th>
<th>Country</th>
<th>Technologies</th>
<th>Organisation Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designing Urban Mobility for Elderly Persons</td>
<td>Austria</td>
<td>Communication, Human-machine-interface, Sensors &amp; actuators, Tele-monitoring</td>
<td>University, Research institution, Evaluation (trials), specialist organisation, Marketing specialist organisation</td>
</tr>
</tbody>
</table>
## Activity profiles

<table>
<thead>
<tr>
<th>Title</th>
<th>Country</th>
<th>Technologies</th>
<th>Organisation Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>new device for an advanced/innovative speech interface for any application</td>
<td>Italy</td>
<td>Communication, Human-machine-interface, Medicine, Smart home, Software, web &amp; networks</td>
<td>SME</td>
</tr>
<tr>
<td>exthex - Sustained Mobility through Use of Mobile and Smart Home Devices</td>
<td>Austria</td>
<td>Communication, Medicine, New materials, Other, Smart home, Software, web &amp; networks, Standardisation / interoperability, specialist Org, Tele-monitoring</td>
<td>SME</td>
</tr>
</tbody>
</table>
AAL Partner Search
search for partner/project

Ambient Assisted Living Joint Programme
Partner search facility

Search for Partner / Project

Please specify your search:
- Activity Profile
- Project Idea

Search in title and details:

Technologies:
- All

Organisation Types:
- All

Applications:
- All

Countries:
- All

search
National
- Israel (for companies)
- Switzerland (Enterprise Europe Network)
- Switzerland (Swiss AAL website)
- Luxembourg
- Austria
  http://www.ictprofiles.at
- Germany
  http://partner.vde.com/bmbf-aal/AAL-Stackbriefe/Pages/Stackbriefe-AAL.aspx
- Spain (Spanish Technology Platform for Health, Well-being and Social Cohesion / EIVIA)
  http://eiva.imeaesoic.es
- Spain (ISCIII)
- Spain (Health)
  http://www.fitforhealth.eu/participate.aspx

International
- CORNET
  http://www.cornet-era.net
- EEN
  http://profuilen.enterpriseseuropenetwork.nl/iatr/public/index
- EUREKA Network
  http://www.aurekanetwork.org/
- Ideaal-ISt
  http://www.ideaal-ist.eu/
The location

Norrköping

- East Sweden Region it’s just 200 km away from Stockholm;
- 3 Regional Airports;
- Together with Linköping are known as the twin cities of Sweden;
- Has a large University and is an innovation hub;
- Vast choice for accommodation
On the spot

**Expected**

- 700 participants
- 60 commercial stands
- 3 Sponsor pavilions
- 30 project stands
- 150 presentations

**Venue:**

Louise de Geer Congress Centre
Participating

Why participate?

- **IS THE MAJOR AAL EVENT IN EUROPE**
  Enhance the community with knowledge, network, ideas, information;
  Provide a discussion platform for social innovation, dissemination and awareness in general (End users- Entrepreneurs-Carers-Policy makers etc..)

- **PROJECTS!**
  Present the project’s results, the on-going activities and the long term strategy at the policy level;

- **AAL AWARD 2013!!**
  Best project in terms of social innovation and market orientation;
1. How ICT solutions are improving older people’s lives?

2. Do AAL improve the overall condition of society as a whole (see informal carers?)

3. How to increase the deployment of AAL solutions and bringing innovation to the market?
Track A
Autonomy, choice and control

Do AAL solutions impact individuals in their daily life? To what extent?

Track B
The ageing society

Older adults will be reflected as a collective part of society. How AAL impact:
– Work at high age
– Future housing
– City planning
– Rural areas

Track C
AAL and the economy

Focus on different economic aspects:
– Economic growth through new tech for export;
– Effects on regional level of large-scale roll out;
– Private consumer economy;

Track D
EU policies and future calls

AAL European policy both at implementation policy and strategy level
The Forum starts well before
Call for papers (keep checking it)
Registration
Consortia meetings!
Get in contact with ideal partners
Want to participate to the AWARD?
A community of 1600 people
  – Knowledgeable
  – Experienced
  – Interested
Today:
- Network and share ideas
- Ask questions
- Have fun!

Near future:
- Contact your NCP
- Contact your NCP
- Stay in contact with your NCP

Obrigada pela atenção!