Ambient Assisted Living, AAL
Joint Programme

Overview

ERA-AGE conference, 2 February, 2009, Brussels

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http://www.aal-europe.eu/
Demographic Trends

Distribution of the population (EU25) per age group (1950 – 2050)

Source: UN World Population Prospects (2002 Revision) and Eurostat 2004 Demographic Projections (Baseline scenario)
IST Policy Context

- 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
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
  - Member 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 – early 2009
  - Launch event of the second call for proposals, 13 February 2009
  - First annual AAL conference – Vienna autumn 2009
“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).”

- Quality of life of elderly people
- Strengthening the industrial base in Europe
- Use of ICT
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
Organisation of the AAL Association
Legal Entity of AAL JP

- **AAL Association**
  - **General Assembly**
    - Final decision body of the association
  - **Executive Board**
    - 6 Members
    - Represents the Association
    - Manages legal relations; work programme; budget, calls
  - **Working Groups**
    - working programme
    - Call preparation
    - workshops
    - etc
  - **Management Unit**
    - Central Management Unit Staff – 4-5 persons
    - National Coordinators - one per country

- **European Commission**
- **Advisory Group**
## AAL Partner States Today

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>Yearly indicative funding amount in Mio. €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
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<tr>
<td>Belgium</td>
<td>1.0</td>
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<tr>
<td>Cyprus</td>
<td>0.5</td>
</tr>
<tr>
<td>Denmark</td>
<td>0.5</td>
</tr>
<tr>
<td>Finland</td>
<td>2.5</td>
</tr>
<tr>
<td>France</td>
<td>3.0</td>
</tr>
<tr>
<td>Germany</td>
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<tr>
<td>Greece</td>
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</tr>
<tr>
<td>Hungary</td>
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<tr>
<td>Ireland</td>
<td>0.5</td>
</tr>
<tr>
<td>Israel</td>
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</tr>
<tr>
<td>Italy</td>
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<tr>
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<td>Portugal</td>
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<td>Romania</td>
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<tr>
<td>Slovenia</td>
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<tr>
<td>Spain</td>
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<tr>
<td>Sweden</td>
<td>0.5</td>
</tr>
<tr>
<td>Switzerland</td>
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</tr>
<tr>
<td>United Kingdom</td>
<td>1.1</td>
</tr>
<tr>
<td><strong>23 countries</strong></td>
<td><strong>35.6 Mio. €</strong></td>
</tr>
</tbody>
</table>

20 EU, 3 non EU countries
Needs and Opportunities
Thematic Areas

Ambient Assisted Living

Surrounding
- Mobility
- Social Interaction
- Working Life
- Health & Wellness
- Information & Learning

Person@Home
- Home Care
- Supply with Goods & Chores
- Safety, Security & Privacy
- Hobbies
- Well being Person
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

Time to Market

5-10 years
2-3 years
deployment
The first Call (closed 21 Aug. 2008)

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
Participation in the first call
Participation in the first call

Number of Partners

- 36

- Large enterprise
- Research organisation
- SME
- University
- User organisation
- Other
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**
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
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](http://www.aal-europe.eu/AAL-2009-2)
- Adherence to the specifications for structure and technical details (e.g. page count) of the proposal submission.
Evaluation Criteria

1. Relevance

2. Scientific and technical quality

3. Quality of the consortium and efficiency of the implementation

4. Potential impact
The social interaction context of elderly persons

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

Well Being Person

Distance
Vicinity
Mutual help
Stay involved
Information
Participation
Support
Need
Keep in touch
Interest
Satisfaction
Access
Familiarity
Be motivated
Be in touch
Need
Thank you for your attention

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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