Ambient Assisted Living, AAL
Joint Programme

Overview

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

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

Source: UN World Population Prospects (2002 Revision) and Eurostat 2004 Demographic Projections (Baseline scenario)
Demographic Trends (1/2)

![Demographic Trends Chart]

(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 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

- Different 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

AAL JP

Virtual Common Pot

AAL Association
### 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>
<td>2.5</td>
</tr>
<tr>
<td>Belgium</td>
<td>1.0</td>
</tr>
<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>
<td>5.0</td>
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<tr>
<td>Greece</td>
<td>1.5</td>
</tr>
<tr>
<td>Hungary</td>
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</tr>
<tr>
<td>Ireland</td>
<td>0.5</td>
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<tr>
<td>Israel</td>
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<tr>
<td>Italy</td>
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<tr>
<td>Luxembourg</td>
<td>0.6</td>
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<tr>
<td>Norway</td>
<td>0.2</td>
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<tr>
<td>Netherlands</td>
<td>1.9</td>
</tr>
<tr>
<td>Poland</td>
<td>1.0</td>
</tr>
<tr>
<td>Portugal</td>
<td>0.5</td>
</tr>
<tr>
<td>Romania</td>
<td>0.2</td>
</tr>
<tr>
<td>Slovenia</td>
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<tr>
<td>Spain</td>
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<td>Sweden</td>
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<tr>
<td>Switzerland</td>
<td>2.0</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>1.1</td>
</tr>
</tbody>
</table>

23 countries, approx. 35 Mio. €

20 EU, 3 non EU countries
AAL Association
Legal Entity of AAL JP

AAL Association

General Assembly
Final decision body of the association

Executive Board
5 Members (UK, Romania, Spain, Austria, Sweden)
Represents the Association
Manages
gleal relations; work programme; budget, calls

Management Unit:
• Central Management Unit Staff – 7 persons
• National Contact Persons – one per
National Funding Agency

Working Groups
working programme
Call preparation
workshops
etc.

European Commission

Advisory Board
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

5-10 years 2-3 years deployment

Technology Risk
AAL JP

Research disciplines
ICT Non-ICT

Stages of research and innovation
Longer term research
Applied research
Innovation validation
Uptake / deployment

Driven by Member States
European Innovation Partnership on Active and Healthy Ageing

Driven by Member States

JPI More Years, Better Lives

FP7 eHealth
FP7 ICT & ageing
AAL JP

ICT CIP eHealth
ICT CIP eAgeing

Stages of research and innovation

ICT for Ageing Well
A wider picture

More Years, Better Lives
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
56 ranked proposals with 452 partners:
- 47% enterprises
- 17% user organisations
# AAL JP Call 1 Statistics

<table>
<thead>
<tr>
<th>Calls figures</th>
<th>AAL-2008-1</th>
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</thead>
<tbody>
<tr>
<td>Total no. of proposals</td>
<td>118</td>
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<tr>
<td>Total budget</td>
<td>376 Mio €</td>
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<tr>
<td>Total requested funding</td>
<td>232 Mio €</td>
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<td>Total available funding budget</td>
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<td>Total number of partners</td>
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<td>Proposals having passed the evaluation</td>
<td>56</td>
</tr>
<tr>
<td>Projects funded</td>
<td>23</td>
</tr>
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</table>
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
AAL JP Call 2
Type of Organisation

- SME (46%)
- Large Enterprise (7%)
- University (12%)
- User Organisation (14%)
- Research Organisation (21%)
AAL JP Call 2
Country participation

Project partners in submitted proposals (N=762)
## AAL JP Call 2
### Statistics

<table>
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<td>Proposals having passed the evaluation</td>
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<tr>
<td>Projects funded</td>
<td>30</td>
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</table>
ICT-based Solutions for Advancement of Older Persons’ Independence and Participation in the Self-Serve Society”

This call funds projects for innovative ICT-solutions that enable older people to:

• Preserve and enhance independence and dignity in all aspects of daily life
• Take active part in the self-serve society
• Stimulate and support the capacities required for such participation (e.g. mobility, physical, and cognitive)
Organisation types in submitted proposals (N=680)
AAL JP Call 3
Countries Participation

Project partners in submitted proposals (N=680)
<table>
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<th><strong>Calls figures</strong></th>
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<td>Projects funded</td>
<td>22 - on negotiation</td>
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**ICT based solutions for Advancement of Older Persons’ Mobility**

- The call aims at development of ICT-based solutions which will help older persons to sustain their optimal level of mobility for as long as possible, as well as enhance their individual sense of confidence, autonomy, competence, security and safety.
- The call addresses issues that inherently enable older people’s mobility in terms of moving in the home and/or outside the home.

**Two sub-topics**

- Orientation and navigation
- Assistive Technologies
## Calls figures

<table>
<thead>
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<th>Category</th>
<th>AAL-2010-4</th>
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<td>Average funding request per proposal</td>
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<tr>
<td>Projects funded</td>
<td>22</td>
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</table>
Organisation by type in submitted proposals (N=812)

- SMEs: 51.60%
- USER: 11.45%
- UNI: 12.56%
- RES: 13.55%
- LAE: 9.73%
- OTHER: 1.11%

AAL JP Call 4
Type of Organisations
Project partners in ranked proposals (N=444)

- Austria: 38
- Belgium: 3
- Cyprus: 14
- Denmark: 27
- Finland: 33
- France: 56
- Germany: 22
- Ireland: 2
- Italy: 0
- Luxembourg: 12
- The Netherlands: 4
- Norway: 13
- Poland: 4
- Portugal: 4
- Romania: 4
- Slovenia: 75
- Spain: 25
- Sweden: 31
- Switzerland: 26
- United Kingdom: 26
Comparative NFA Funding Commitments (in M€)

- Call 1
- Call 2
- Call 3
- Call 4

Total NFAs Commitment
EC Contribution
Comparative number of proposals submitted

Number of submitted proposals

- Call 1: 120 proposals
- Call 2: 105 proposals
- Call 3: 90 proposals
- Call 4: 110 proposals
Comparative number of SME in submitted proposals

Number of SMEs in the submitted proposals

Call 1: 350
Call 2: 350
Call 3: 300
Call 4: 400
Comparative participation of SME in submitted proposals

![Bar chart showing comparative participation of SME in submitted proposals for Call 1, Call 2, Call 3, and Call 4. The x-axis represents the call numbers, and the y-axis represents the participation percentage.](chart.png)
Recommendations

Today:
• Network
• Share ideas
• Ask questions
• Find partners
• Have fun!

Near future:
• Contact your NCP
• Contact your NCP
• Stay in contact with your NCP
Viviane Reding, former EU Commissioner for the Information Society and Media:

"There is no reason for older people in Europe to miss out on the benefits of new technologies.

The solutions and services resulting from this programme will help them to remain active in society as well as staying socially connected and independent for a longer time"