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# **Ambient Assisted Living Joint Programme (AAL JP) – an update**

**Dr Gerda Geyer**

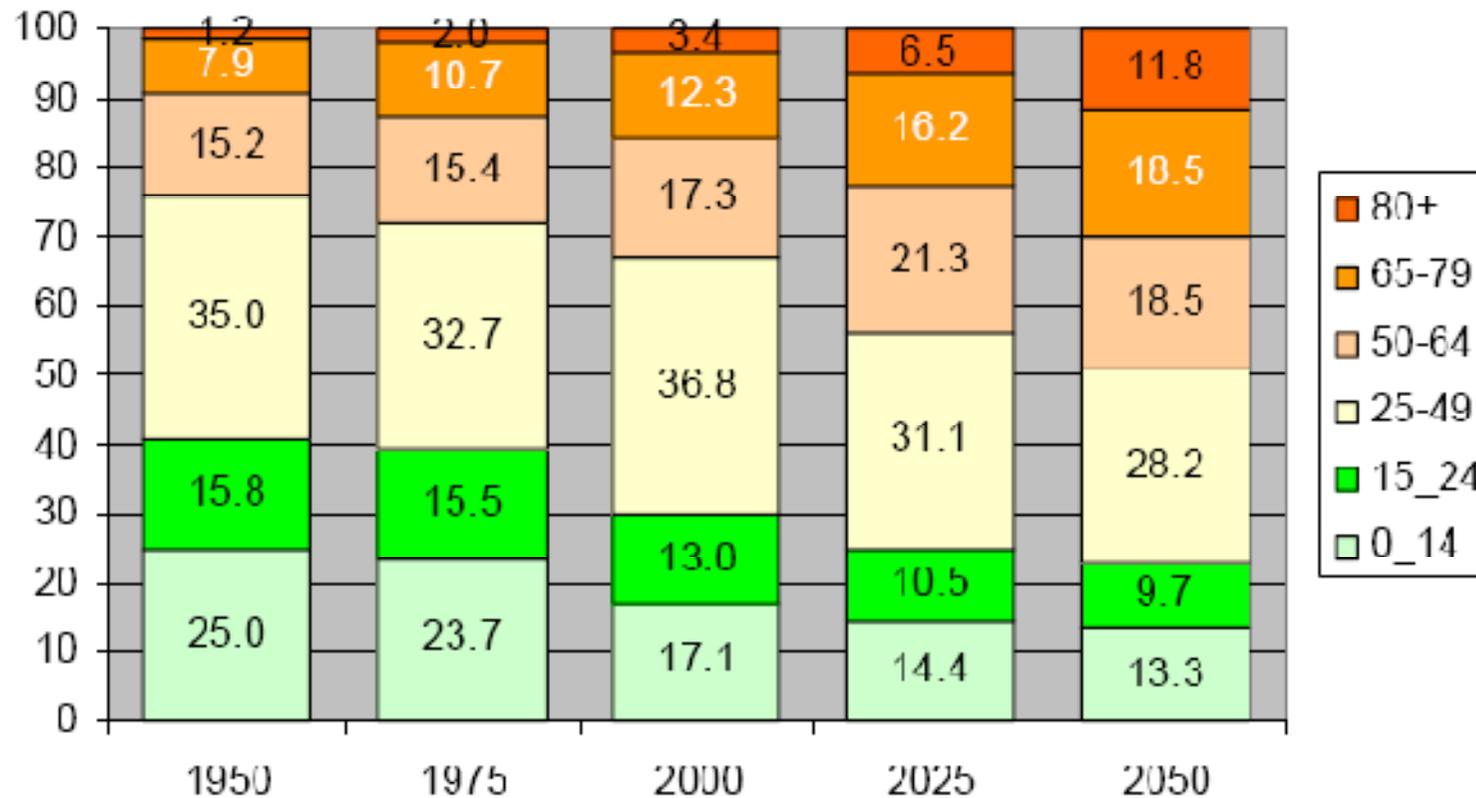
**ERA AGE Forum Meeting  
Vienna  
1st March 2011**



**FFG**

# Demographic Trends

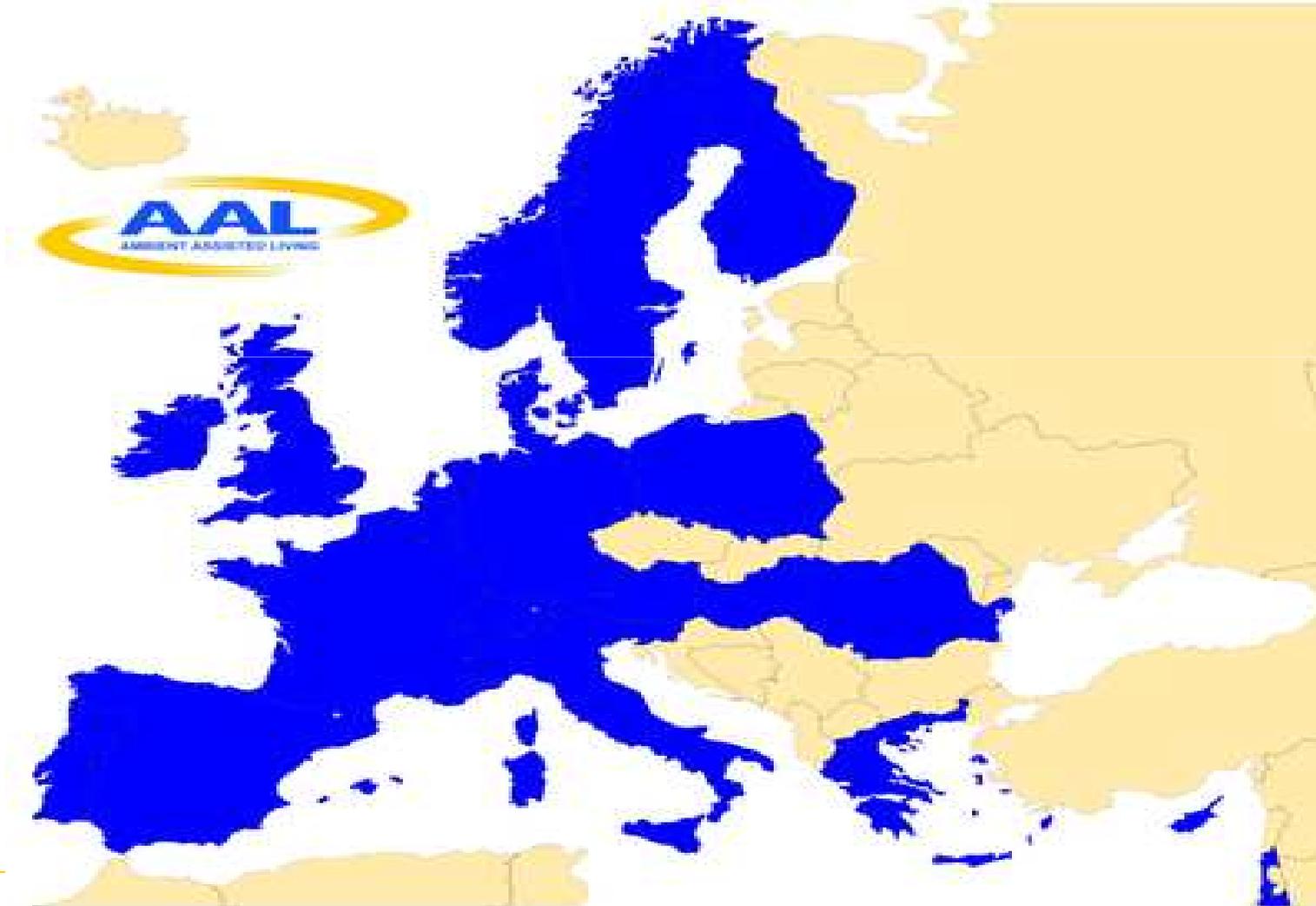
## Distribution of the population (EU25) per age group (1950 – 2050)



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



# AAL JP Partner States





# Ambient Assisted Living Joint Programme

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**Joint research and development (R & D) funding activity by 23 European Member States and Associated States with the financial support of the European Community (based on Article 185, former 169 of the Treaty).**

- The AAL Joint Programme is a Member state driven programme.
- Member States and Associated States act on the basis of pre-existing or envisaged national R&D programmes which provide the framework for the national participations.



# Advantages for proposers

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**Collaboration of Nationale Programmes offers a relatively low barrier approach:**

- **proposers are often already familiar with the national funding schemes,**
  - **communication with NCPs facilitates the participation.**
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- focus on SME
  - focus on end-users involvement
  - regional differences often of importance



# AAL Needs and Opportunities

Public-private partnership, living labs, evidence creation, best practices

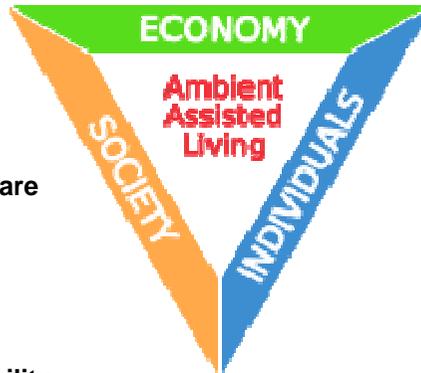
Opportunities  
Intelligent mass products  
Customized services  
Intelligent processes

Missing  
Business models  
Value chains  
Standardization

Integration of user needs into the development processes

Challenges  
Ageing population  
Increasing costs of social and health care  
Reducing workforce  
Improve quality of life for all

Societal needs  
New concepts with evidence on effectiveness and economical sustainability



Needs  
Maintaining health & functional capability  
Preserving independence & dignity  
Participation into society & social networks  
Feeling secure

Expectations  
Personalised products and services  
Citizen empowerment

Customer centric, effective, accessible and economically sustainable service system



# Overall objectives ...

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*"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 older people
  - Strengthening the industrial base in Europe
  - Use of ICT – Tools, Systems and Services
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# Objectives of AAL JP

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- 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
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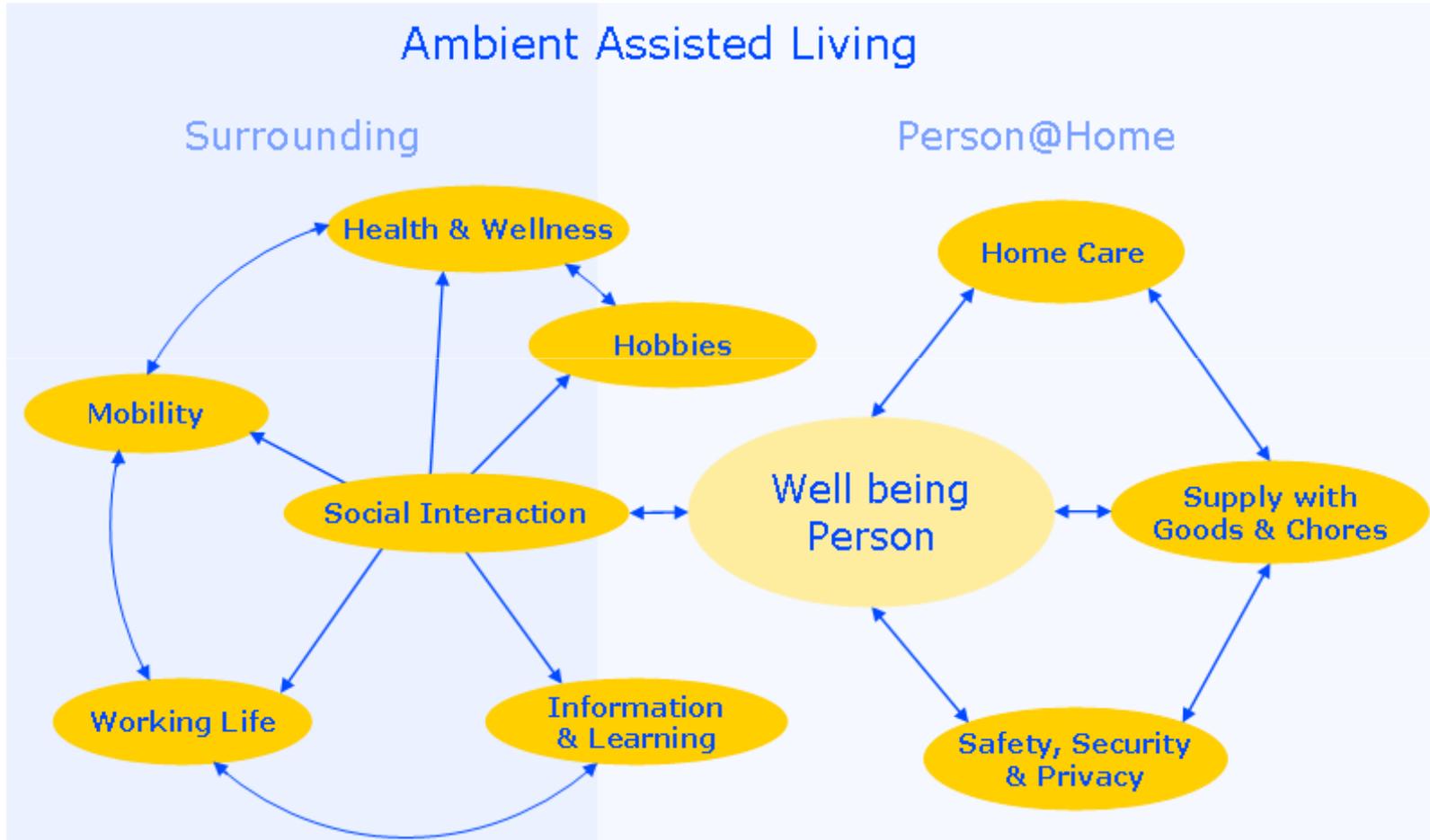
# Guidelines for AAL project characteristics

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Time-to-market perspective of 2 to 3 years after the project end

- Size of the consortium: 3 –10 partners
- Duration of the project: 12 –36 months
- Project total budget: 1 -7 M€
- Maximum funding from the AAL Joint Programme: 3 M€.
- The projects must demonstrate:
  - significant industry involvement, particularly SMEs (i.e.: the budget/effort associated with non-industrial R&D institutions should not outweigh that of the remaining partners)
  - realistic trial set-up at the end of the project
  - proactive end-user involvement throughout the life of the project
  - defined market segment(s), use cases and target group(s) and address the wishes and needs of these specific groups

# AAL thematic areas



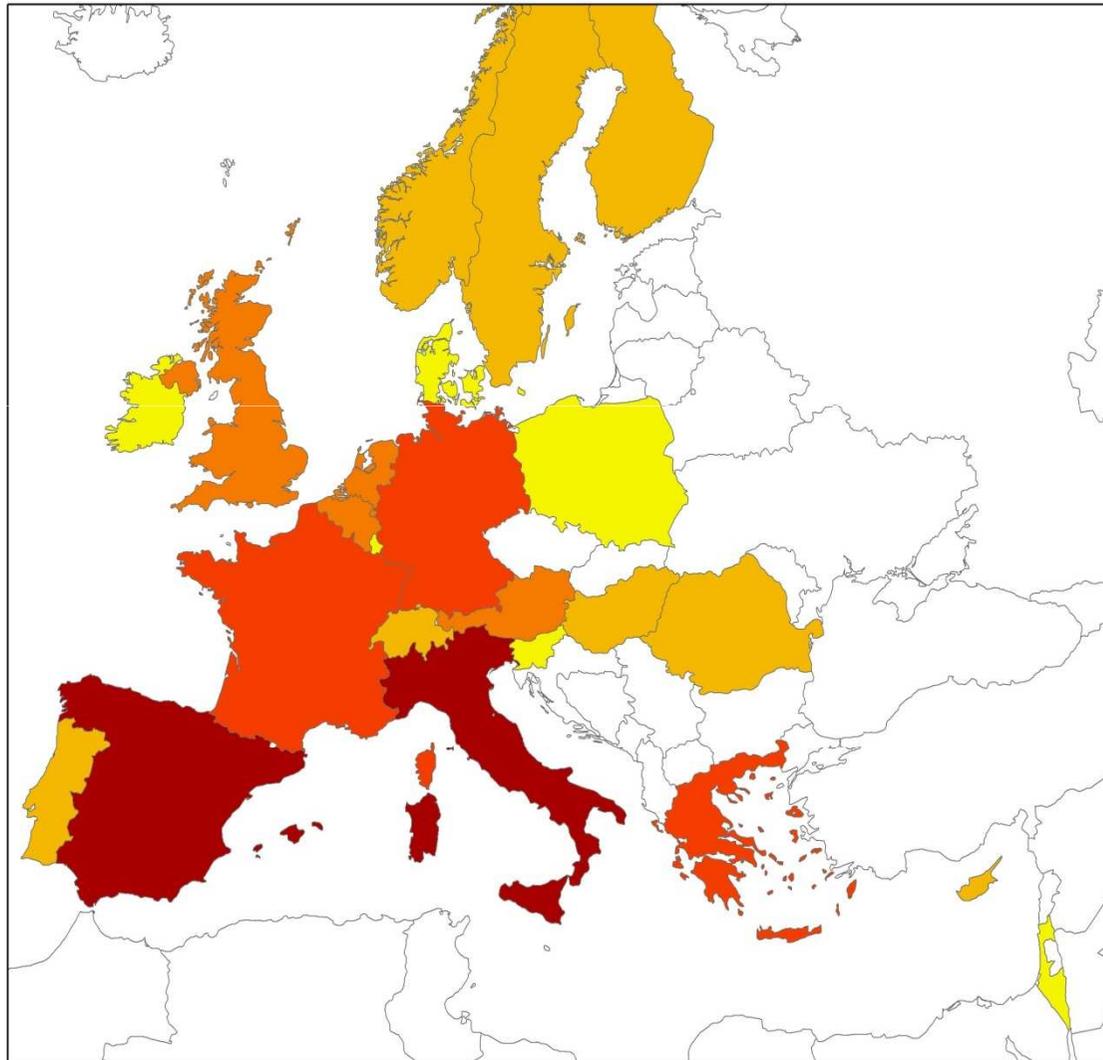


# AAL Calls for Proposals

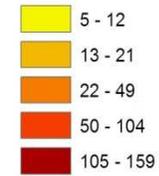
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- AAL-2008-1: "ICT-based Solutions for Prevention and Management of Chronic Conditions of Elderly People"
- AAL-2009-2: "ICT-based Solutions for Advancement of Social Interaction of Elderly People"
- AAL-2010-3: "ICT-based Solutions for Advancement of Older Persons' Independence and Participation in the Self-serve Society"
- AAL-2011-4: "ICT-based Solutions for Advancement of Older Persons' Mobility"

# Participation in the first call



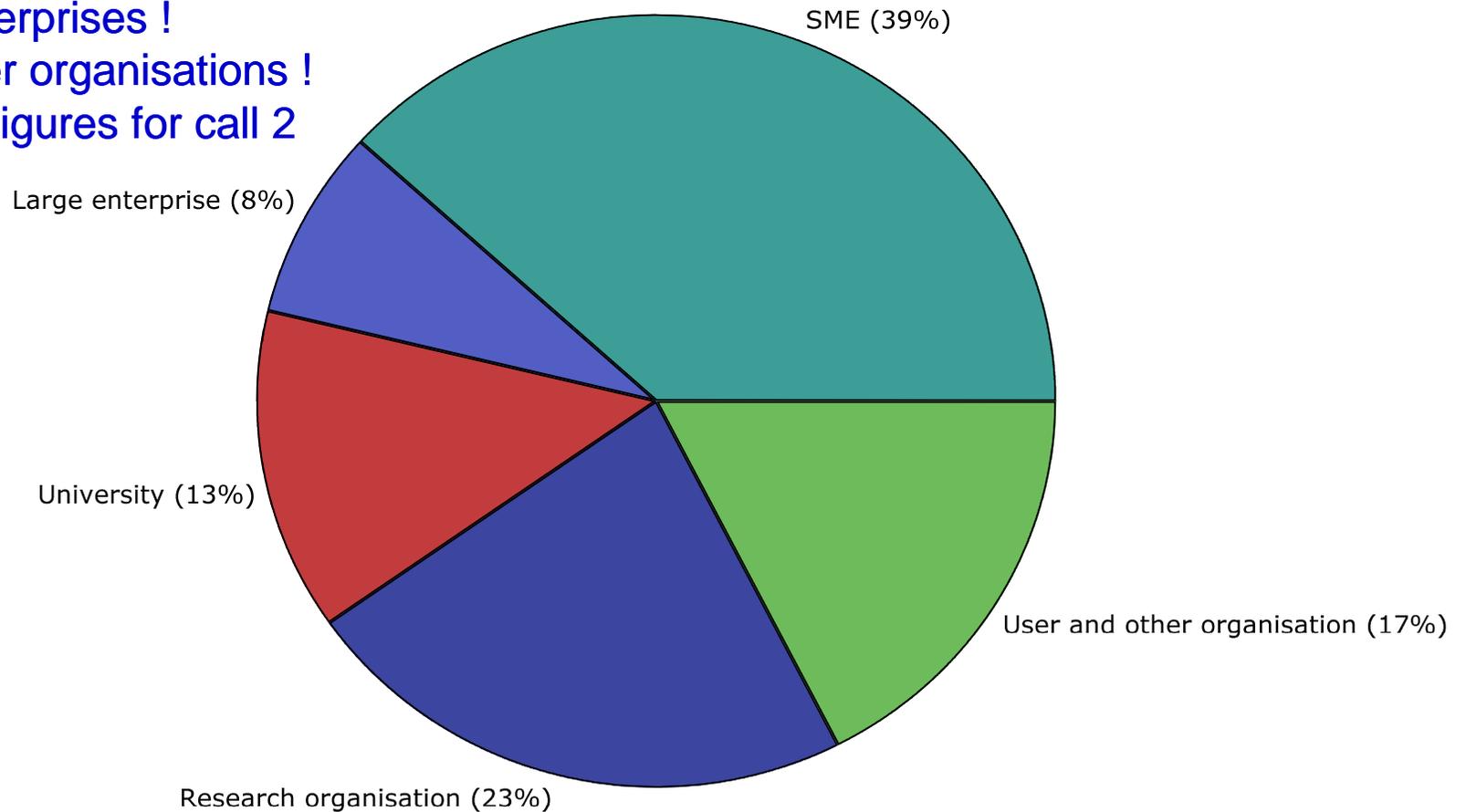
Number of Partners



# Type of organisations in Call 1

56 ranked proposals with 452 partners:

- 47% enterprises !
  - 17% user organisations !
- Similar figures for call 2





# **Focus of Call 4: ICT-based Solutions for Advancement of Older Persons' Mobility I**

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The call aims at ICT-based solutions which help older adults to sustain their optimal level of mobility for as long as possible, enhancing their individual sense of confidence, autonomy, competence, security and safety.

The call addresses issues that inherently enable older people's mobility in the sense of moving in the home and/or outside the home.

The following topical areas are in the scope of the Call:

- Orientation and navigation
- Assistive Technology



# Background

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The maintenance of mobility is thought to be fundamental to active aging, allowing older adults to continue to lead dynamic and independent lives[1]. Furthermore, mobility is an important element of integration in society and thus a vital factor for perceived good quality of life in old age. A person who is mobile can perform autonomously (several) activities of daily life, can keep up his/her social network, can perform voluntary work, or leisure activities.

[1] World Health Organization [WHO], 2007, Global age-friendly cities: A guide. Geneva, Switzerland.



## Solutions in the Scope of the Call

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- Orientation and navigation
- Assistive Technology (mobility aids)

Projects should adopt a **holistic approach**, including the necessary expertise in the consortium. The innovation concept of the AAL JP is based on creating markets by developing solutions which meet the needs and wishes of end-users. Therefore, essential involvement of end-users from the outset of the project to its end is deemed to be essential for the success of the projects.

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## Upcoming events

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**Launch of Call 4 expected in  
spring 2011**

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**Call 4 Infoday in Brussels  
7 April 2011**

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**AAL Forum 2011 in Lecce /  
South Italy, Region of Puglia  
26-28 September 2011**

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