



# Ambient Assisted Living Joint Programme objectives and participation rules

Nakita VODJDANI

Vice President Ambient Assisted Living Association, Member  
of the Executive Board

And

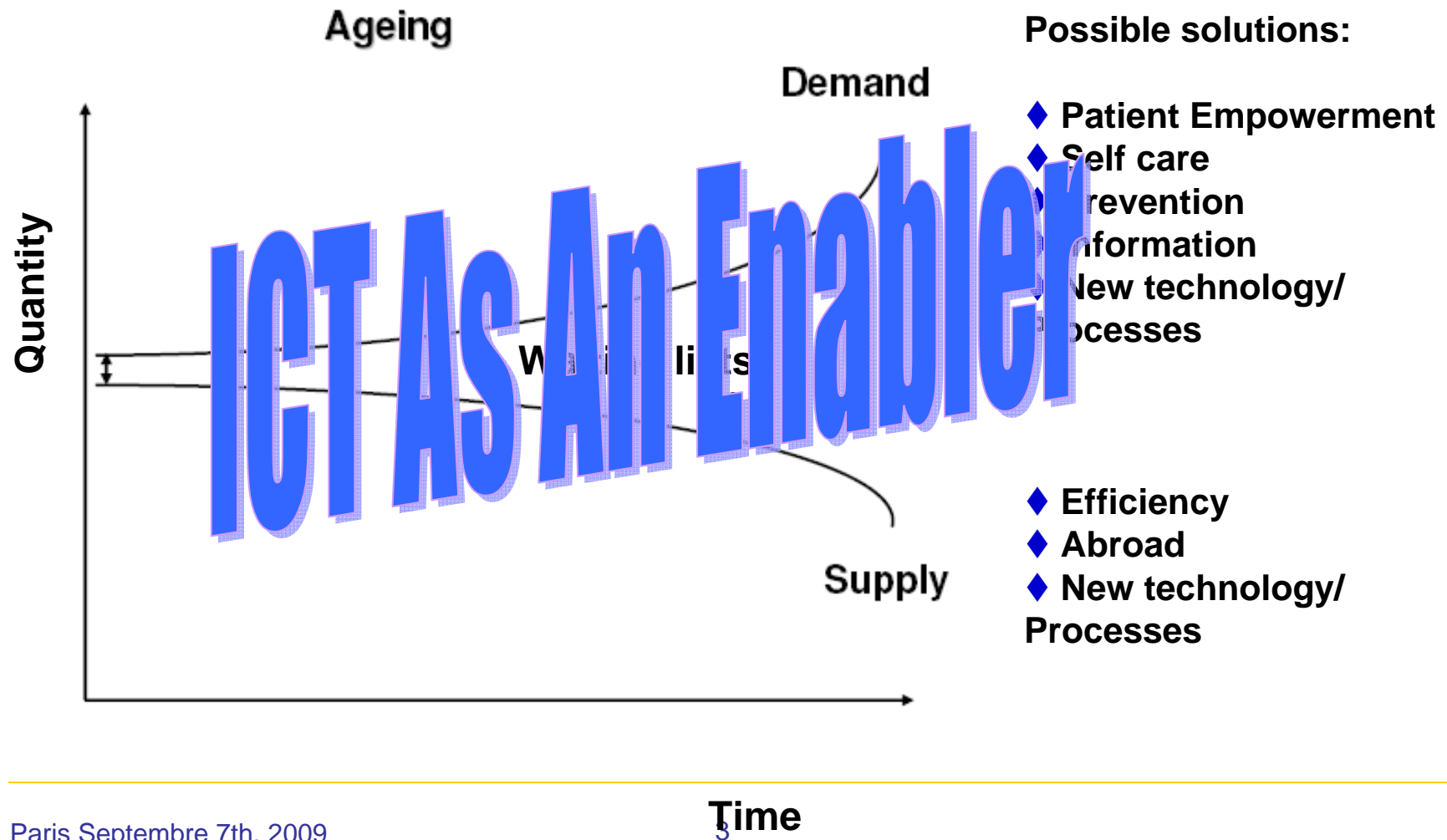
Future network and services programme manager @ French  
National Research Agency

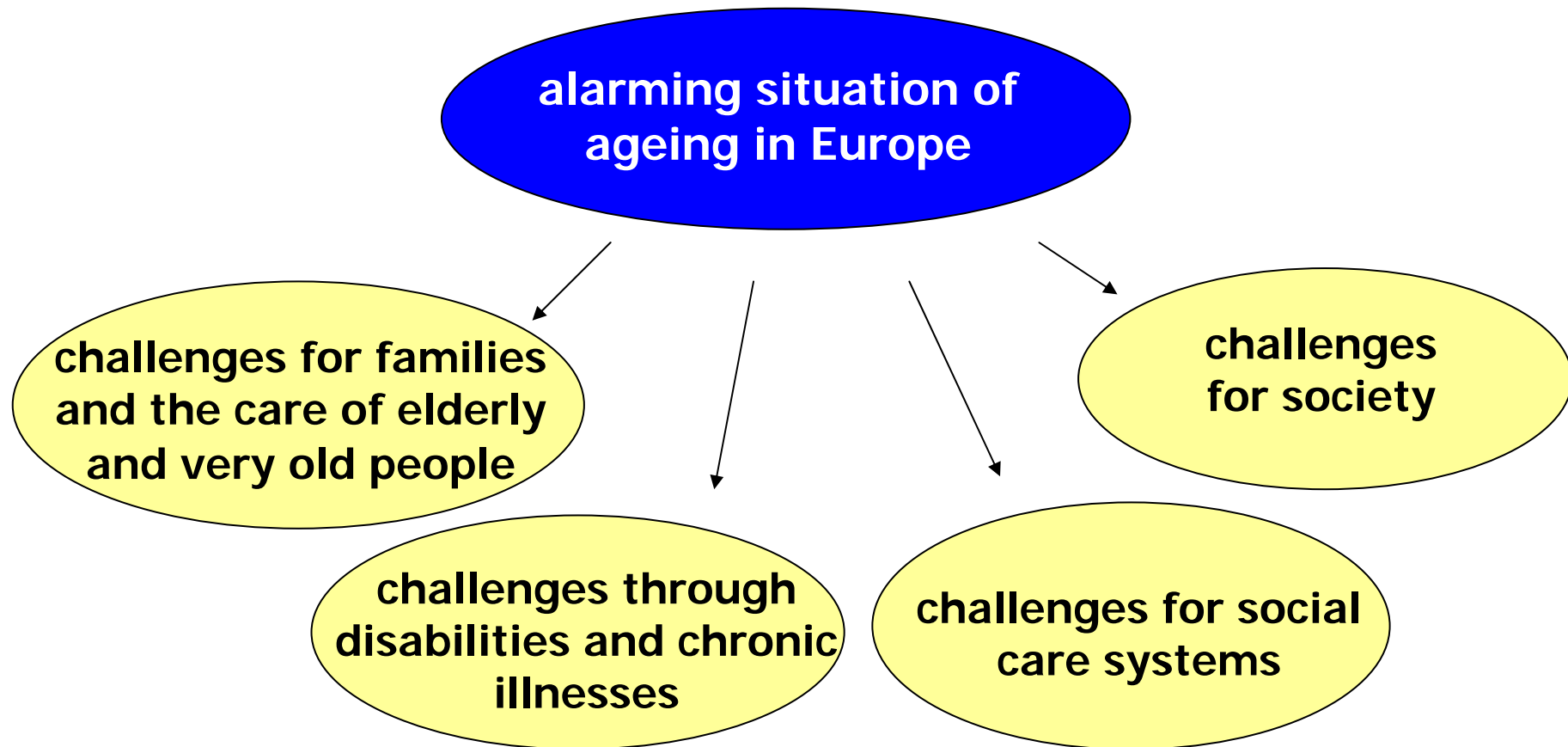
Paris Septembre 7th , 2009



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- Progress in health care and better Q of life: increase in longevity
  - % population > 80 in UE ~ double by 2030 ( 4.4 to 7.8%)
  - The 65 to 80 will evolve 12,9% to 18.2% by 2030
  - As a consequence there will be an increased demand for social , home and long terme care services and increase in cost.
  - Challenge
    - Enable the delivery of healthcare and independant living services more efficiently with an **increase in productivity**
    - Increase Q of life, health and care services while **reducing its cost**
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# Ageing will cause a dramatic gap







# AAL objectives

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- Enhance quality of life of elderly people
- Use of ICT-Products, -services and -systems
- At home, in the community, at work
- Strengthening the industrial base in Europe
  - Improve SME participation
  - Improve industrial exploitation
- Boost R&D&I activities at EU level
- Ensure compatibility with different European regions, cultures and regulatory framework



# Ambient Assisted Living Joint Programme

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## A new funding programme for Europe

-> **not a new European funding programme**

– **Member state driven programme**

– Duration: 2008 – 2013

– Financial total volume: ~ 700 M€

– of which ~50% public funding and ~50% private funding

– public funding: ~ 55% AAL States, ~ 45% EU

– EC participation based on article 169 of the EC treaty;  
funding from FP7 means



# Programme implementation

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- by AAL Association (Brussels) and its members, representing national programmes
  - 1-2 calls for proposals per year
  - **Central evaluation process**
  - **National funding contract with national agencies**
  - European and national activities; brokerage and partnering events, results dissemination, conferences



# AAL Partner States today



20 EU states

3 non EU states

# Status of Commitments

COUNTRY	Yearly indicative funding amount in Mio. €
Austria	2.5
Belgium	1.0
Cyprus	0.5
Denmark	0.5
Finland	2.5
France	3.0
Germany	5.0
Greece	1.5
Hungary	2.5
Ireland	0.5
Israel	1.0
Italy	2.5
Luxembourg	0.6
Norway	0.2
Netherlands	1.9
Poland	1.0
Portugal	0.5
Romania	0.2
Slovenia	0.2
Spain	4.4
Sweden	0.5
Switzerland	2.0
United Kingdom	1.1
<b>23 countries</b>	<b>35.6 Mio. €</b>

**Total volume of ~ 700 Mio. €**  
including industrial co-funding



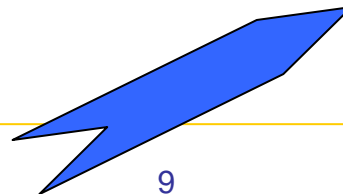
For the intended  
6 years duration: ~ 360 Mio. € public funds



Total "public" budget  
~ 60 Mio. € per year

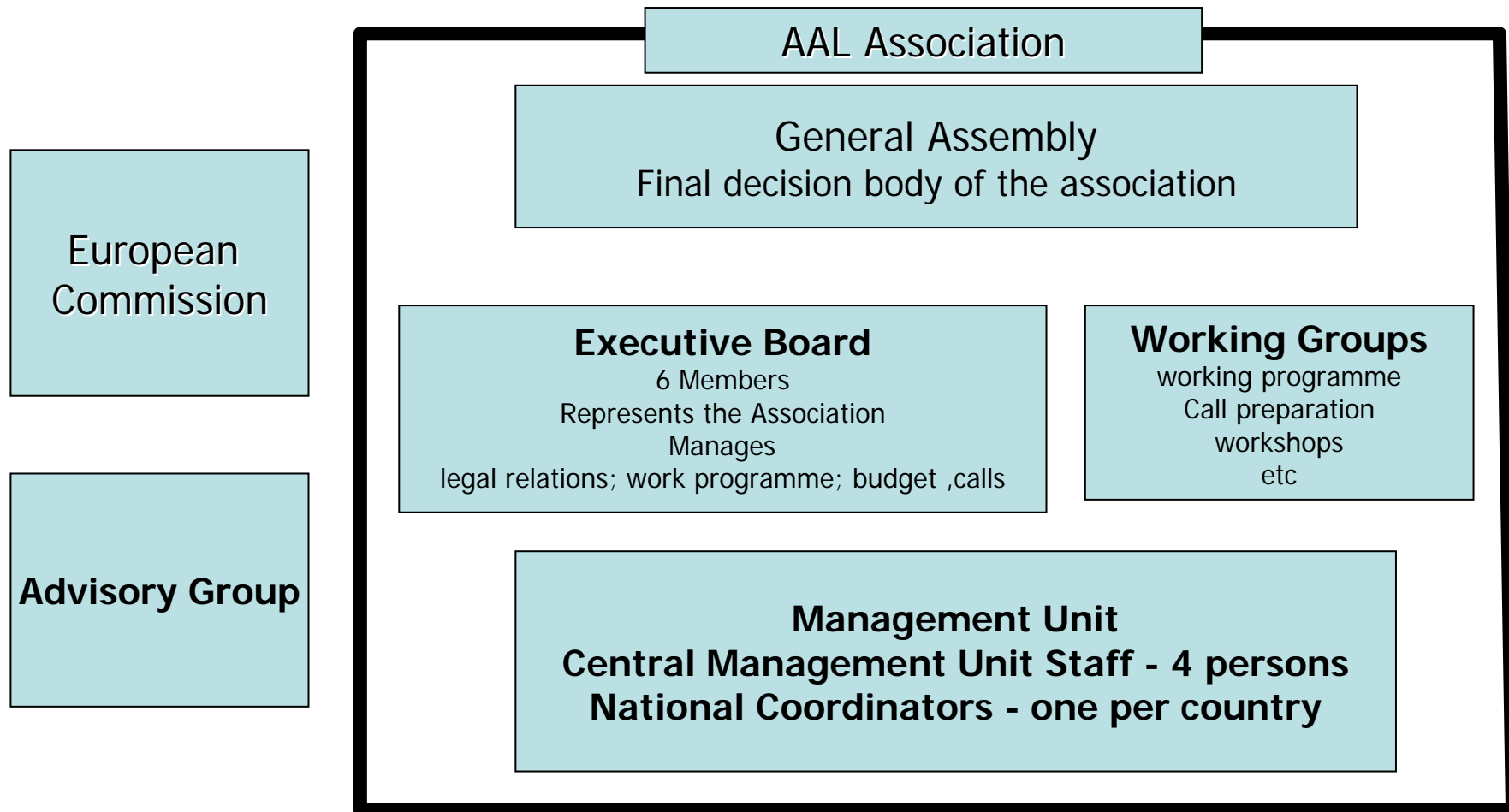


Co-funding of EC on  
the legal basis of article  
169 (max. 25 Mio. €  
per year)

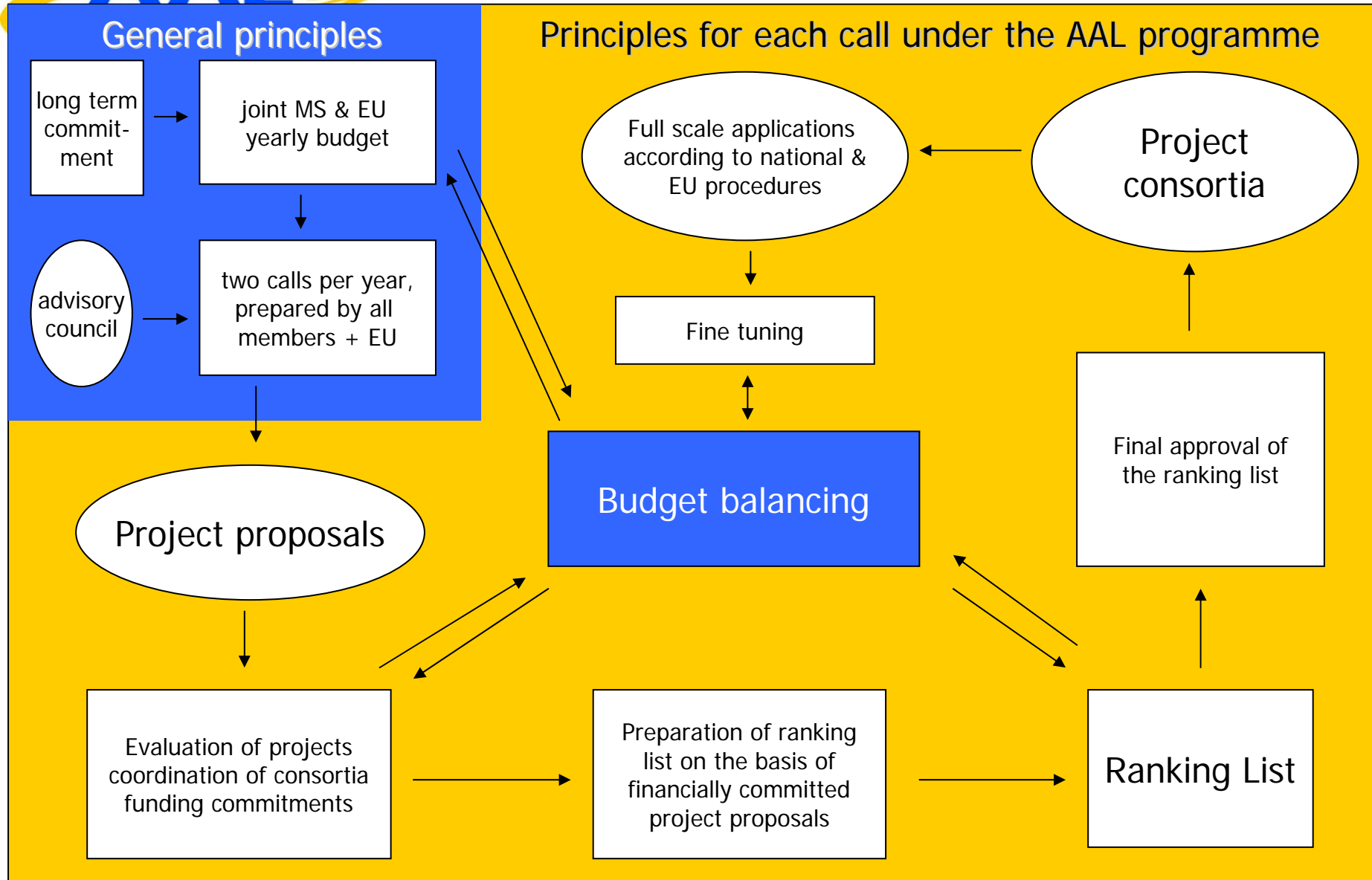




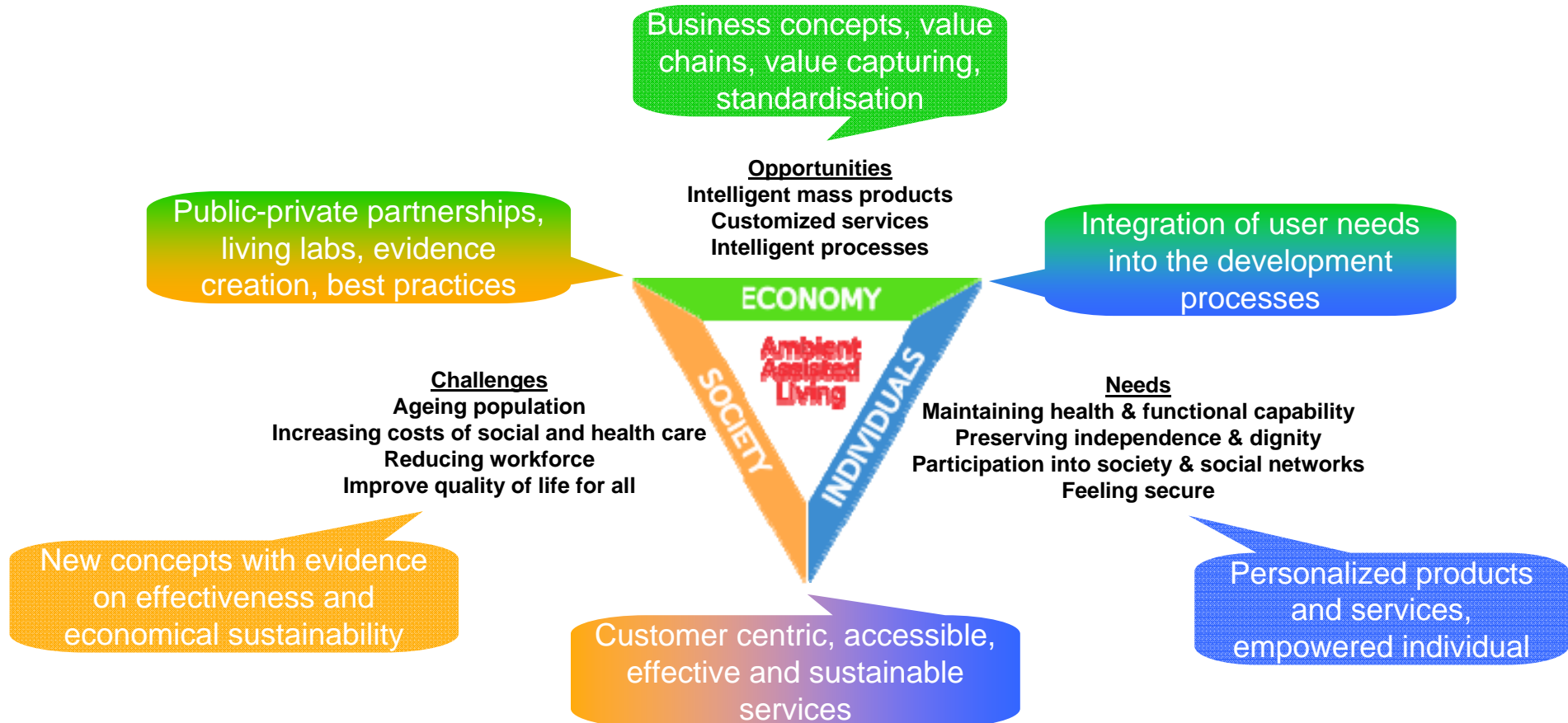
# Organisation of the AAL Association Legal Entity of AAL JP



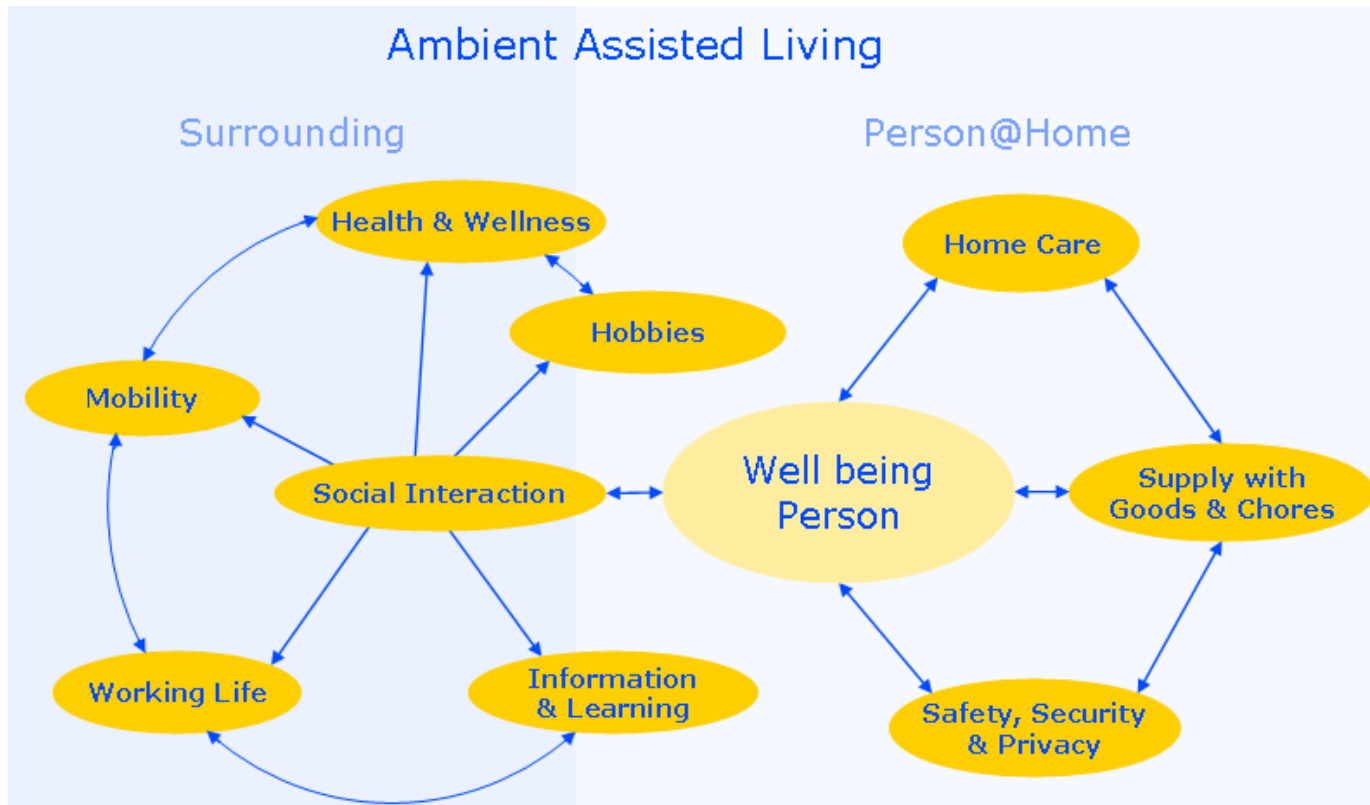
# Financial Procedures in AAL JP



# Needs and opportunities

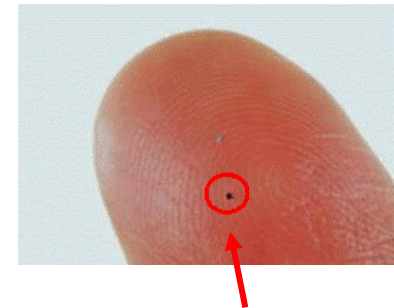


# AAL thematic areas



- Smart sensors/ biosensors
  - Nanosystems, micro system technology
  - Smart textiles/ clothes
  - Smart implants
  - Wireless sensor networks
  - Embedded communicating systems-
  - New actuators
- 
- Home, assistive, service robots and mechatronic devices
- 
- New protocols and standards for communication network
  - Ambient intelligence
  - Multimodal, natural interfaces
  - Merging of real physical and digital world
  - Reasoning, ontologies, event stream processing

RFID





# Technical Domain

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- Telemedicine
- Telemonitoring tele care
- Personal health: wearable, implantable, portable system for monitoring, diagnostic, therapy
- Smart home
- Robotics
- Smart sensors
- Ambient intelligence
  - In home
  - In street
  - in transportation



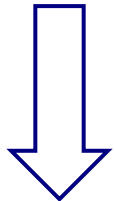
# Solutions:

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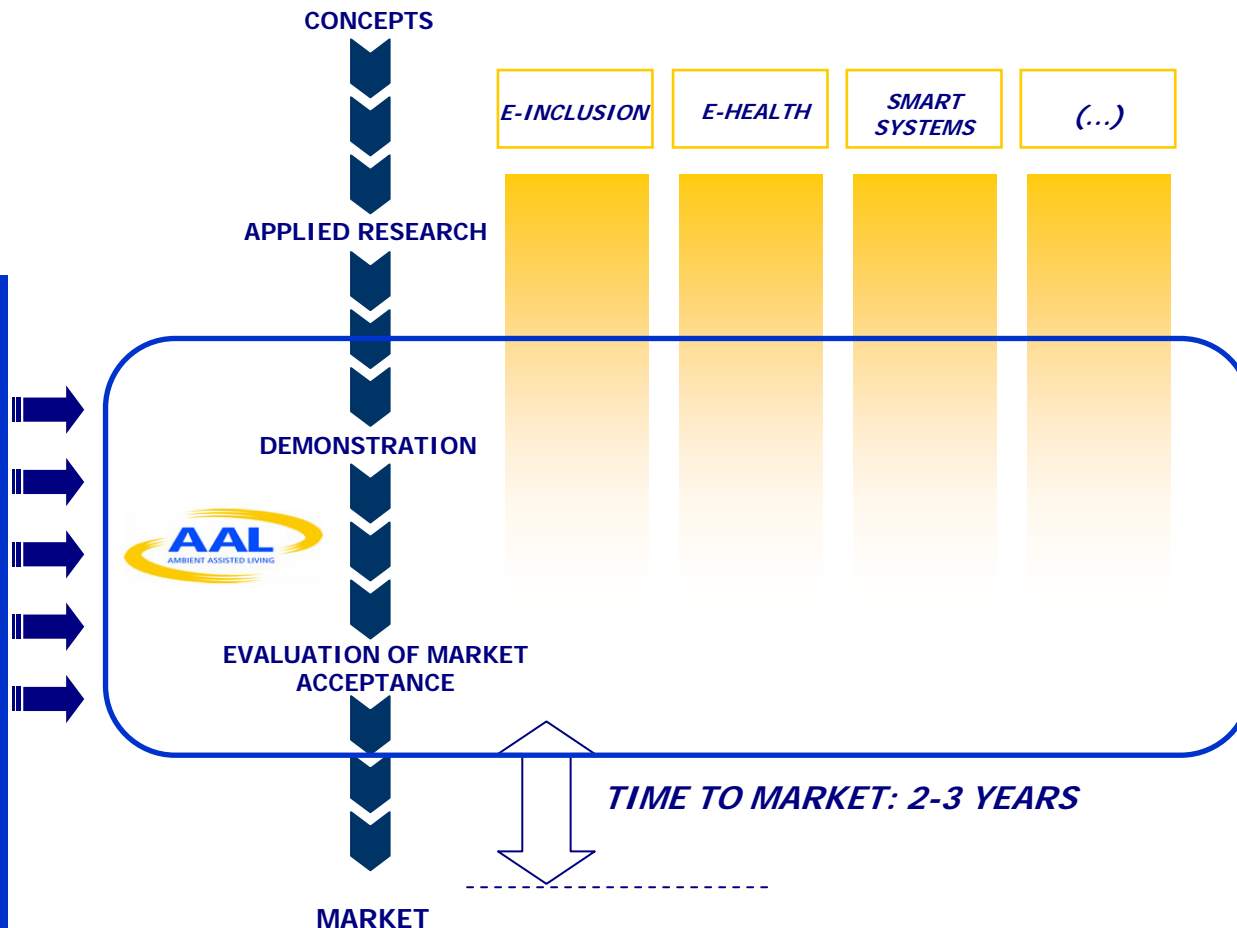
- Compatible with multi disabilities: vision, hearing, dexterity
- Specific Diseases
- Evolutive
- Affordable
- Accessible: Simple to use
- Interoperable

User centric services

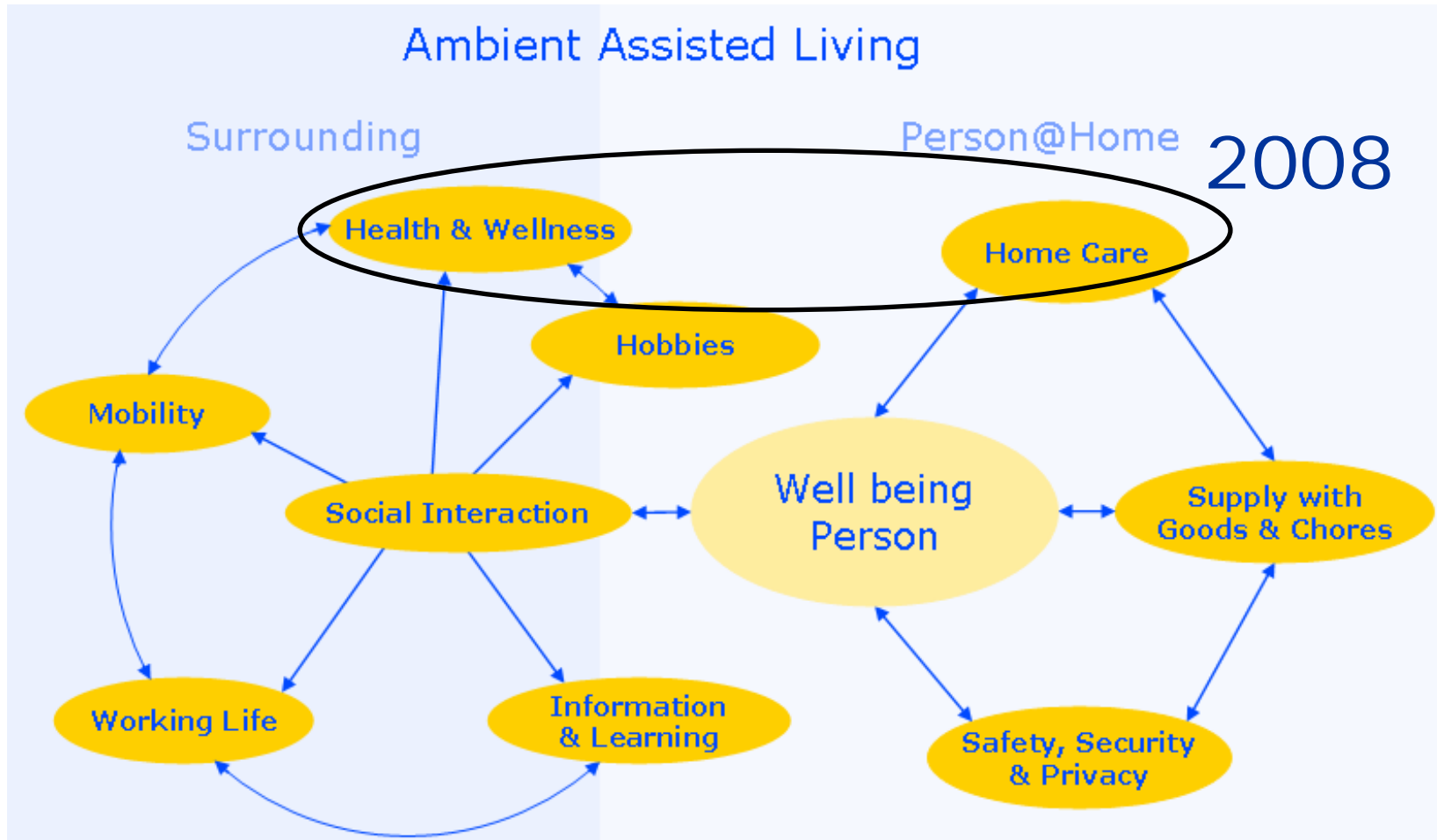
## ADDED VALUE OF AAL JP



- MULTIDISCIPLINARITY-INTEGRATION*
- SHORTER TIME TO MARKET*
- FOCUSED ON HOME APPLICATIONS*
- NATIONAL SPECIFICITIES TAKEN INTO ACCOUNT (within an European framework)*
- SMEs PARTICIPATION*
- FOCUS ON TESTING*
- END USERS INVOLVED*



# AAL Calls for proposals





# 1st AAL call for proposals – 25 April – 21 August 2008

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- 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
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# General participation rules

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- Collaborative projects
  - Min 3 independent legal entities, 3 different AAL Partner States .
    - at least one market oriented business partner
    - at least one SME partner (this can be the market oriented business partner)
    - at least one end user partner organization
  - Time-to-market perspective of 2 to 3 years after the project end
  - Duration of the project: 12 – 36 months
  - Project total budget: 1 - 7 M€
  - Maximum funding from the AAL Joint Programme: 3 M€.

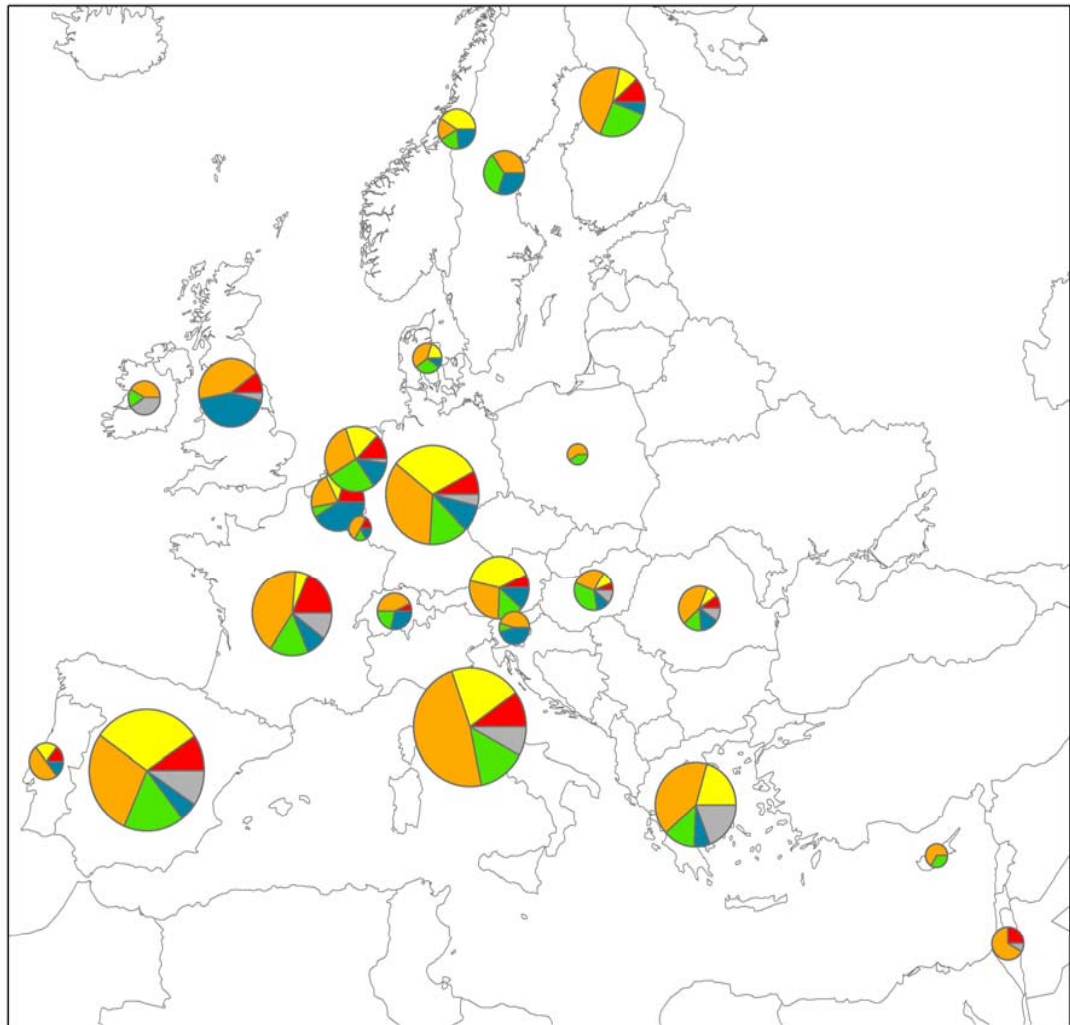


# 1st AAL Call: Overall preliminary outcome

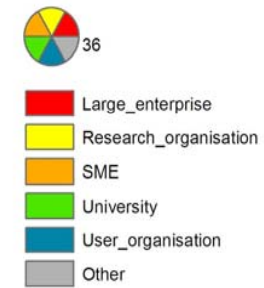
Number of Applications	117
Total applications Cost	371 M€
Average applications Cost	3,17 M€
Total funding requested	229 M€
Total provisional funding available	57,7 M€ = 25 EC and 37,7 national agencies
Average funding requested per project	1,96 M€
Total of Participants	964
Average Participants per application	8,24
Average Countries per application	4,2

- Selected projects for funding : Novembre 2008
- Funding decisions and contracts: december 2008 to June 2009

# Participation in the first call

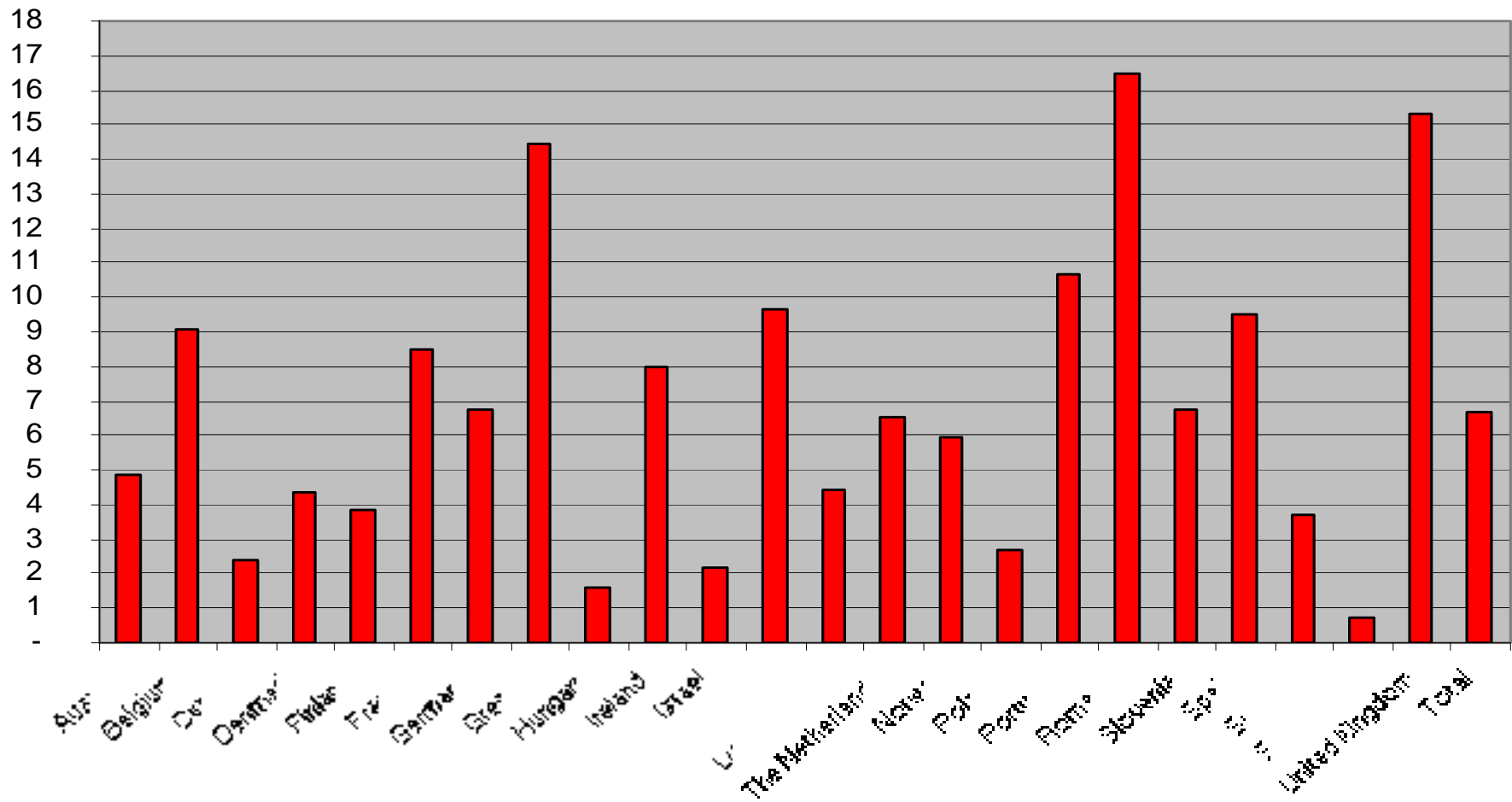


Number of Partners



# Requested vs. committed budget

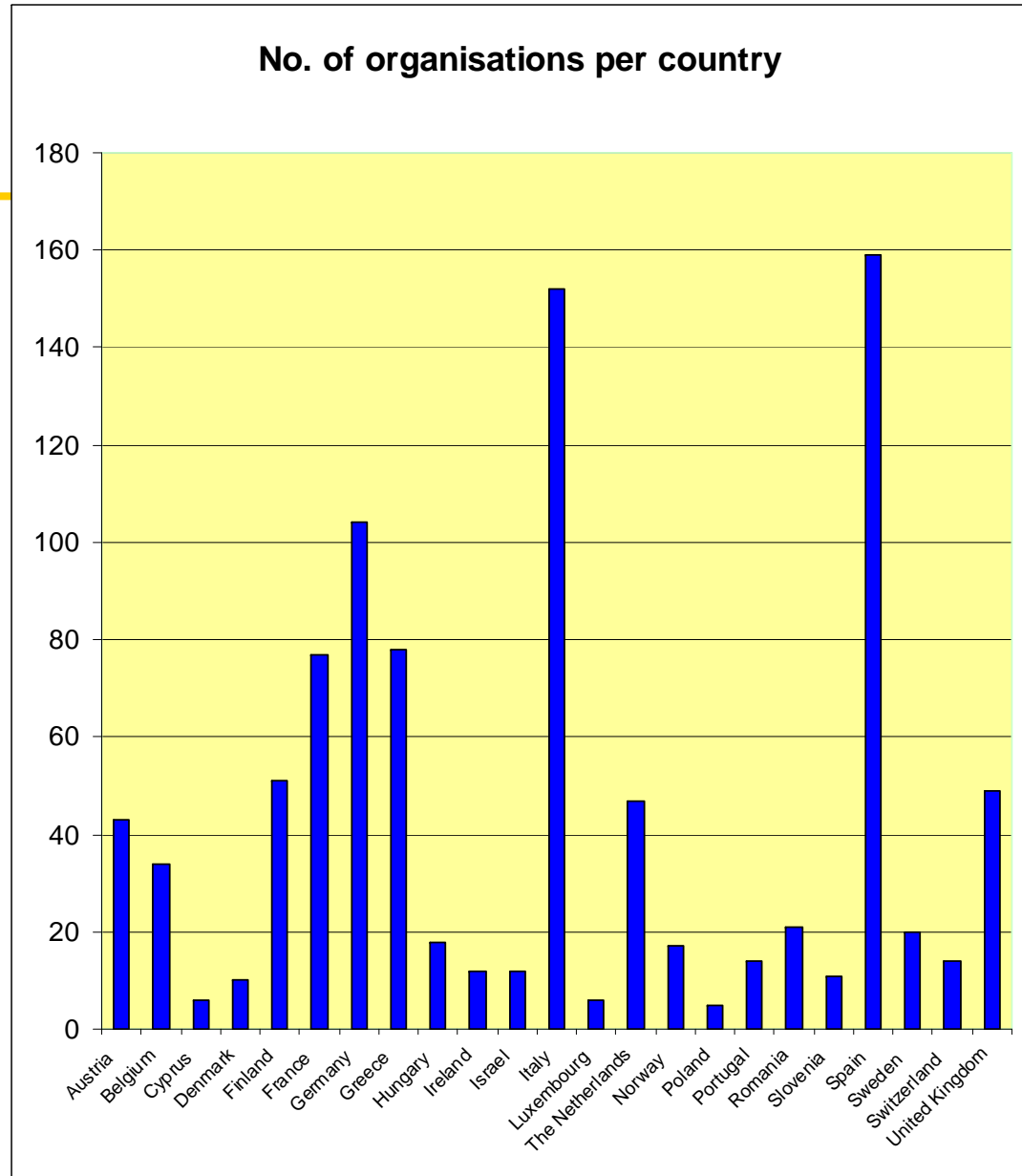
Read as e.g. Romania is 16.46 times oversubscribed





### Participants in proposals from:

- Spain
- Italy
- Germany
- Greece
- France
- Finland
- UK
- Netherlands
- Austria
- ...





# AAL Call 1

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- 23 projets financés total d'environ 40 M€
- Seul 3 projets avec participation française financés....





# 2d AAL call for proposals – Early 2009

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## ICT based solutions for Improving Social Interaction of Elderly People

- Living actively and enjoying life and having fun
  - Bridging distances
    - maintain and support existing roles
    - provide with the ability to define new roles (e.g. grand parent living far away, a correspondence student of arts or to get to know people with similar hobbies)
    - enabling people to take advantage of the freedom and to find meaningful activities or new forms of productivity on the basis of ICT products or services
  - Preventing loneliness and its consequences (illness, depression....)
  - Technical solutions:
    - pervasive communications (or ubiquitous communications), hypermedia interfaces, rich sensorial environments, location technologies and smart home appliances.
    - Social interaction support services can exploit the capacities of social media technologies (radio, TV, mobile phone, Internet ...).
    - Wireless Networks and Mobile Systems
    - Social web technologies (Web 2.0) with user empowerment and business models.
  - Specific attention for elderly people in areas with weak infrastructure, e.g. in rural and remote areas
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## Common European funding activity, national participation rules

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- Central submission of proposals (one proposal per consortium)
- General and national eligibility criteria
- Central evaluation and selection of proposals
- National funding agreements and administration of the funded projects



# General Eligibility Criteria Consortium Composition

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- 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**



## Call 2 prel.info.

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- Call 2 deadline 5 May 2009
- Number of proposals 104 (117)
- Number of partners 762 (964)
- Partners/proposal 7,3 (8,2)
- Requested budget 163 m€
- Requested/proposal 1,6 m€ (1,9)
- Oversubscription 2,9



# French Participation

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- Spain coordinator of more than 20% of proposals, D ~10%
- 21 french partners in 13 proposals only 1 coordinated by Fr



## Call 2 prel.info. content

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- Serious games and simulations
- Digital games and to encourage elderly to get new contacts through a multiplier component in the game
- Special interactive games like e.g. Bingo, Bridge and handicrafts like sewing and painting
- Multigenerational interactions



## Call 2 prel.info. content

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- Local social media content develop
- Cross-border (Romania-Israel-Austria-Greece) socio/medical network for immigrants
- Network targeted to less educated people not in their country of origin
- Aphasia – special interface
- Communication support to elderly with moderate cognitive impairment



## Call 2 prel.info. content

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- Living Lab approaches
- Social networks in fields of mind training and personalized healthcare
- Manage health from home and abroad
- Social networks in fields of physical and nutritional health habits



## Call 2 prel.info. techn.

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- WEB-TV as platform
- IPTV
- WEB based platform
- WiFi, Internet, PDAs
- Videoconf. and chat-room techn.



## Call 2 prel.info. techn.

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- Speech and multimedia interface
- Audio-visual interface, artificial intelligence platform
- Picture based interface
- Touch screen interface



## Call 2 prel.info. techn.

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- Semantic reasoning and routing
- Mobile, IPTV, Digital TV, and PC based techn. to connect end-users with end-users
- Social book-marking, micro-blogging, FaceBook, YouTube, My Space, LinkedIn



## A Venir.....

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- 3eme appel en Décembre 2009
- Forum AAL à Vienne 30 Septembre au 1 Octobre
  - Présentation des projets AAL 2008
  - Présentation du 3eme appel à projets AAL
  - Conférences invitées
  - Initiatives Régionales
  - Networking sessions



FORUM 09  Vienna

## AMBIENT ASSISTED LIVING FORUM 09

Vienna, September 29 - October 1, 2009



## Innovative ICT Solutions for Older Persons A New Understanding

September 29 - October 1, 2009

Hofburg, Heldenplatz



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# Thank you, Merci!

Nakita VODJDANI

[nakita.vodjdani@agencerecherche.fr](mailto:nakita.vodjdani@agencerecherche.fr)

and please,

regularly visit the AAL website for any changes!

[www.aal-europe.eu](http://www.aal-europe.eu)