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# AAL Call 2017

## AAL Packages/ Integrated Solutions

Packages integrating different solutions based on ICT to support active, healthy and independent living of older adults

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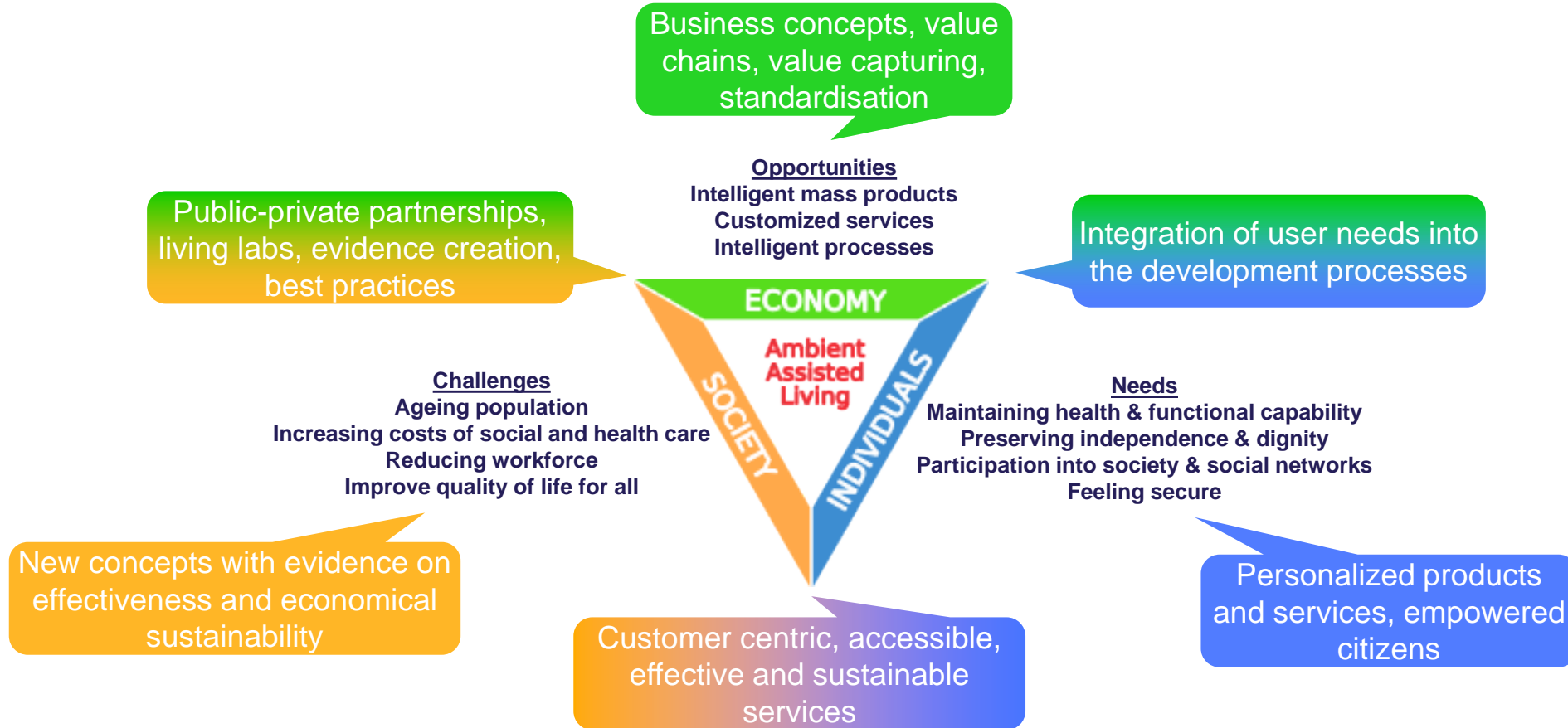
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**FFG**

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

# AAL – Requirements & Opportunities





# AAL Programme Strategy

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... In the AAL Programme, we promote **business, technology and social innovation**, especially that based on ICT, to ensure that products, systems and services give **effective support to older adults in their everyday lives**. These solutions are being used by or for older people to enhance their quality of life in the context of active and healthy ageing. ...



# AAL Challenge 2017 – Procedure

- Discussion/prioritizing challenge - CWG
- Stakeholders meeting Brussels 2015
- Open Consultation - Online 2015
- Feedback - AAL Advisory Board and EC
- Discussion session AAL Forum 2015
- Stakeholders meeting Vienna 2016
- Call text (CWG) + feedback loops (GA/AB/EC)

# Contribution of ICT to Demographic Change and its Challenges

health and wellness

social inclusion and communication

employability of older adults and their carers



home environment

security and privacy

# Single Solutions and Devices to be Integrated



- Smart Home
- Smart City
- Smart Environment
- Telecare
- Communication
- Mobility
- Robotics





# Unmet Needs

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Increasingly, end-users are asking for well integrated solutions that are intuitively useful, personalized, and take into consideration the life span dimension. This includes informal and formal caregivers whenever relevant.

In addition, end-users, especially secondary and tertiary ones such as caregivers and policy makers, have an urgent need for proven evidence about the effects and effectiveness of AAL solutions.

Many solutions have been developed, but are not integrated with other solutions, are not sufficiently incorporated into every day's life, and have not been evaluated sufficiently.



# Twofold Focus

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The focus of the 2017 call challenge of the AAL Programme is twofold:

- developing packages integrating different solutions that address the needs and wishes of end-users and add value to their lives
- extensive testing and evaluation of packages





# Characteristics of the Packages

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Since peoples' wishes, aspirations and needs evolve over time, packages should be designed with

- built-in flexibility and a
- variety of components in order
- to meet diverse individual situations and
- to remain attractive to their end-users over time.

End-users expect proposed solutions to be affordable, user-friendly, secure and reliable. Packages should be based on existing and/or open platforms.

# When Composing Packages ...

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- integrate single successful solutions that have been developed in the course of previous AAL related projects (funded by the AAL Programmes or other funding Programmes at the European or national levels), and need finalisation;
- develop new components and integrate them into packages;
- include single market-ready components in the packages, as long as there is still integration work to be done and to match them with other solutions.

However, the project's focus must lie on the first two mentioned options.

Technology readiness levels 5-8

# To be Addressed by Consortia

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- substantiated information on the business model already at the proposal submission phase;
- information on which partner/s would bring the solution to the market;
- information on the **business role of involved end-users partners**;
- **an analysis on where the money is spent and where the value is made**;
- Mid-term review: detailed information on the financial system to guarantee availability of the solution on the long run.
- Planned workpackages: detailed information on when and how relevant aspects of the business plan development will be dealt with.



# Testing and Evaluation I

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- The rationale and the design of the testing and evaluation have to be geared towards essentially involving a high number of end-users and have to be specified in the proposal.
- The Call is not geared towards funding exploratory testing with small numbers of involved end-users, nor towards funding large scale pilots including thousands of test-users as funded by the EU Commission under Horizon 2020.



# Testing and Evaluation II

- rationale and design geared towards involving high number of end-users
- specific number of end-users and control group to be justified
- control group not mandatory, but recommended if appropriate
- packages to be tested by the involved end-users in their living environments in several test sites
- testing and evaluation activities to be performed over a periode of at least one year per end-user and test site, including feedback loops (iterative design)
- mandatory: network analyses (econsystem)
- WP: when and how relevant stakeholders included?

# New: Recommendation of Tools

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- Proposals must include a detailed description of the evaluation process and methods adopted, taking into consideration the whole ecosystem of the AAL solution.

(It is recommended to consult and/or use existing tools like [MAFEIP](#); World Health Organization quality of life assessment (WHOQOL): WHOQOL-100 and WHOQOL-OLD; Technology Usage Inventory [TUI](#); etc.)



# Key Performance Indicators

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- Applicants must outline the key performance indicators used to measure the impact of the packaged ICT-based solutions in terms of the targeted objective, as well as the methodology used to collect data on its potential impact.

(See tools.)

# New: Less Requirement Analysis

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- Since a lot of requirement analyses have already been carried out in previous projects, it is expected that consortia will build on what is already available . If a further requirement analyses is needed it has to be duly justified.

Consult eg. <http://deliverables.aal-europe.eu/>





# AAL Challenge 2017 – Expected Impact

- living a healthy, active and meaningful life
- living independently and safely for longer at home
- living in dignity and satisfaction
  
- reduce stress and care burden
- build resilience
- improve quality, efficiency and effectiveness of care
  
- growing public & consumer markets of interoperable and scalable AAL systems
- new European value chains incl. end users & stakeholders
- savings for social & care systems by delay of institutional care



# AAL Challenge 2017 – Requirements for the Users

## **Holistic, inclusive, user centred approach**

- Aspirations & self esteem, wishes of older adults
- Not only illness, impairments and limitations

## **Involving end users - *From start to end and after!***

- A significant number of all relevant types of end-users must be involved from the outset of the project to its end, making clear their participation in the development process and the effective use of the solutions (co-creation approach).



# AAL Challenge 2017 – Requirements for the Solution

## Interfaces

- Simple, intuitive, personalised, adaptable to changing end-users abilities and requirements

## AAL solutions

- Reliable & safe, privacy & security *‘by design’*
- Scalable
- Interoperability: standards, open platforms

## Market

- High potential for scale-up and commercialisation



# AAL Challenge 2017 – Requirements for the Proposal

## Innovation

- ‘Beyond state-of-the-art’ - combinations of technical / social / business innovation

## Project

- **2 years** time to market
- **1 year** development for prototype/pilot and **1-2 years** test with a significant number of end-users

## Business Plan

- Should include a clear description of the **product or solution**, the **target group**, the **potential market** and the **business model**, the required **resources** (human, material, financial) and a description how to **go to market**.

## Ethics

- National ethical / legal frameworks – describe how to deal with ethical aspects related to involving people with dementia in the project

## European

- European dimension



# AAL Challenge 2017 – Eligibility Criteria

- Complete English proposal
- In electronic system according to template/rules
- Min. 3 organisations/companies from 3 AAL countries
  - 1 for-profit business partner
  - 1 for-profit SME which could also be a business partner
  - 1 end user organisation
- 3-10 partners
- Duration: 18 – 36 months



# AAL Challenge 2017 – Documents

For further information please refer to the  
**Call Text** and the **Guide for Applicants**

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



# AAL Call 2017

Deadline

24 May 2017 17h00 CET

Don't miss it!



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# Thanks

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- ▲ On our Website:  
[www.aal-europe.eu](http://www.aal-europe.eu)
- ▲ At the AAL Forum website:  
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