

# AAL national Policies in Austria



**Kerstin Zimmermann**

**AALA Vice President**

**Austrian Federal Ministry for Transport,  
Innovation and Technology**

**Eindhoven, September 2012**

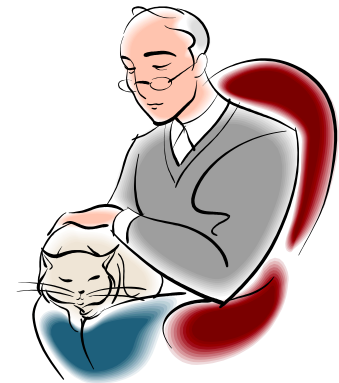


# Table of Content

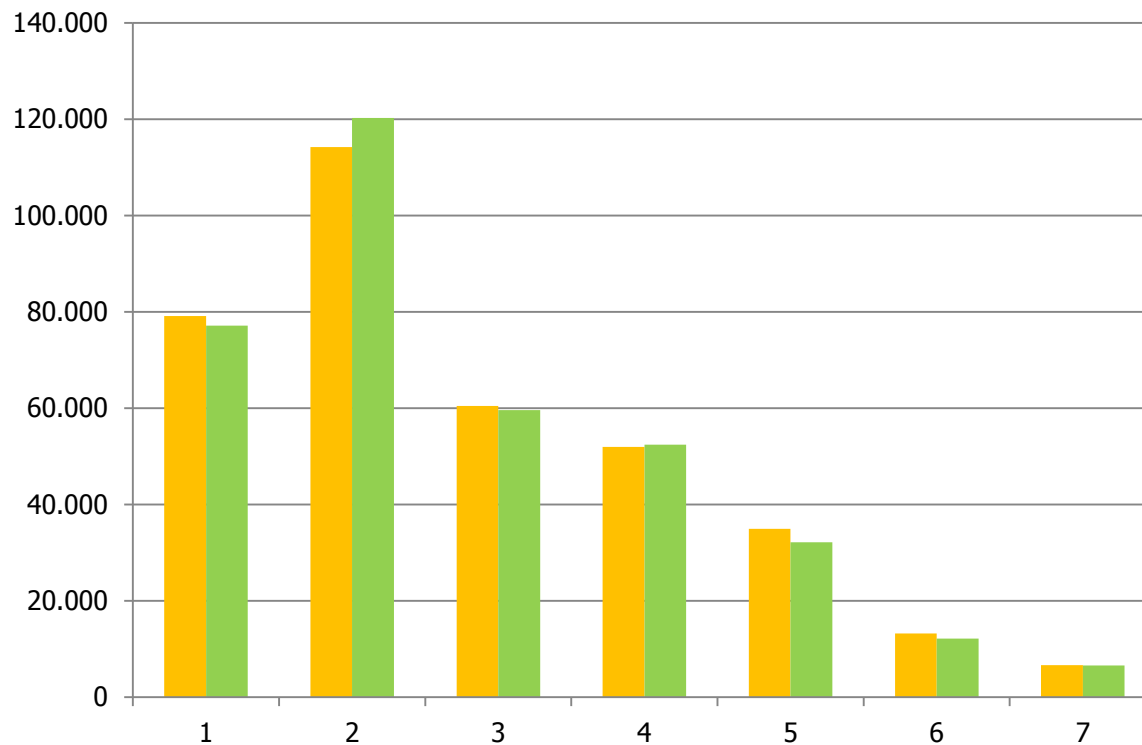
- Austrian Facts
- National programme
- Policies and activities

# Austrian Facts

- 44% of single households in AT are over 60 years old
- 60% of women and 30% of men over 80 live alone
- 80% of care based in family
- 80% of carers are women, with an average age of 56 years



# Care allowance 2011, 2010



in total  
360.000  
persons  
2,000 Mio €  
per year

*Dynamik mit Verantwortung*

# Active Ageing



WHO definition:

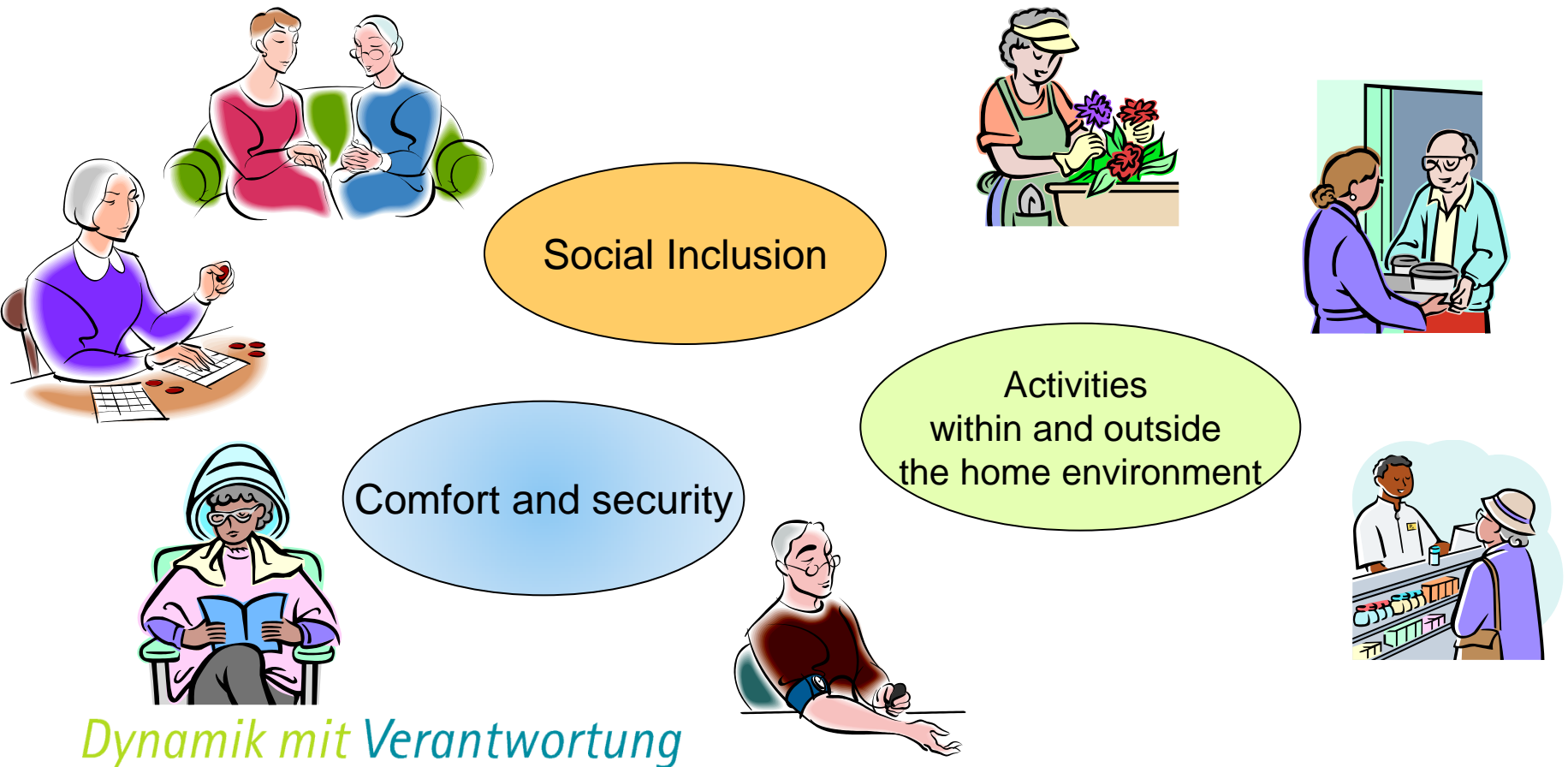
- The process of optimizing opportunities for health, participation (in social, economic, cultural, spiritual and civic affairs) and security in order to enhance quality of life as people age.



# Programme benefit

- National programme since 2008
- Mission oriented: ICT- based products and services
- Demographic change as challenge
- Enduser involvement
- 2,5 Mio €/y + 2 Mio €/y AAL

# Topic cluster





## Results so far national:

- 7 calls (2008-2011)
- 66 projects
- 10,3 Mio € funding
- Test regions with Smart Homes started





## Results so far (EU level)

### AAL Call 1-4

- 9,5 Mio € AT commitment,
- 8,8 Mio € + 6,4 Mio € EU funding
- 42 out of 90 projects with AT partners,  
in sum 73
- 10 coordinators



## AAL AUSTRIA

Innovationsplattform für intelligente Assistenz im Alltag

c/o OCG, Wollzeile 1, 1010 Wien

E-Mail: [kontakt@aal.at](mailto:kontakt@aal.at)



- Benutzerzentrierte Technologie
- Integriert ins direkte Lebensumfeld
- Nutzbar für alle (Universal Design)
- Unauffällig, verlässlich, effektiv
- Selbständigkeit und Mobilität

AAL AUSTRIA fördert den Auf- und Ausbau der **Ambient Assisted Living**-Community in Österreich.

Zum Schwerpunkt "aktives Altern" werden Forschung, Industrie, Gesundheitsdienstleister und Endanwender vernetzt, um AAL-Lösungen einem breiten Markt bekannt und zugänglich zu machen.

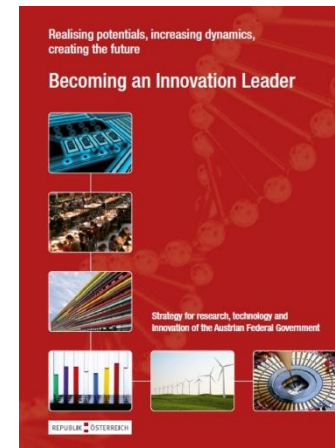
- National innovation platform for AAL
- Founded in 2012
- For promotion and community
- Interdisciplinary: research, industry, enduser organisations, carers
- 30 members so far

# Austria's key to success

- BMVIT 2010
- 4 main Topics:  
ICT, Mobility,  
Energy, Production



- Becoming an Innovation Leader
- Austrian Federal Government (2011)
- 3 Grand Challenges (p. 35):  
climate change,  
scarce resources,  
demographic change / quality of life



new and systematic research approaches must be developed that combine specific societal needs with social and product-related innovations



# Quality of Life and Demografic change

- Interministerial working group: economics, innovation, health, social affairs, chancellery
- Pilot on Active Mobility planned for 2013

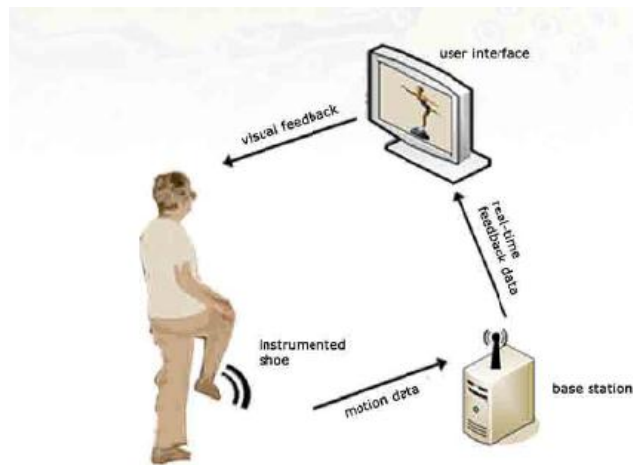
## Some Running Projects

<http://www.youtube.com/watch?v=QLE6Y7q-NQI&lr=1>

- **MuBisA**  
a reliable and automated computer vision system
- **Vita Smart**  
Smart Home Companion for Vital Monitoring
- **Health@Home**  
fitness and rehabilitation training
- **vitaliSHOE**  
an intelligent shoe sole



# vitaliSHOE



## Monitoring and Training

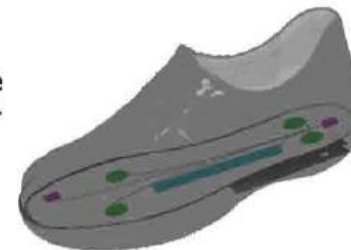
An **Assessment and Training** is the main area of focus. This is realized by acquisition and interpretation of specific parameters of motion with a instrumented shoe and further processing and a visual feedback on a user interface, which can easily be understood by elderly people.

### main aims:

- long-term assessment of the person's state
- enhancement of the level of activity

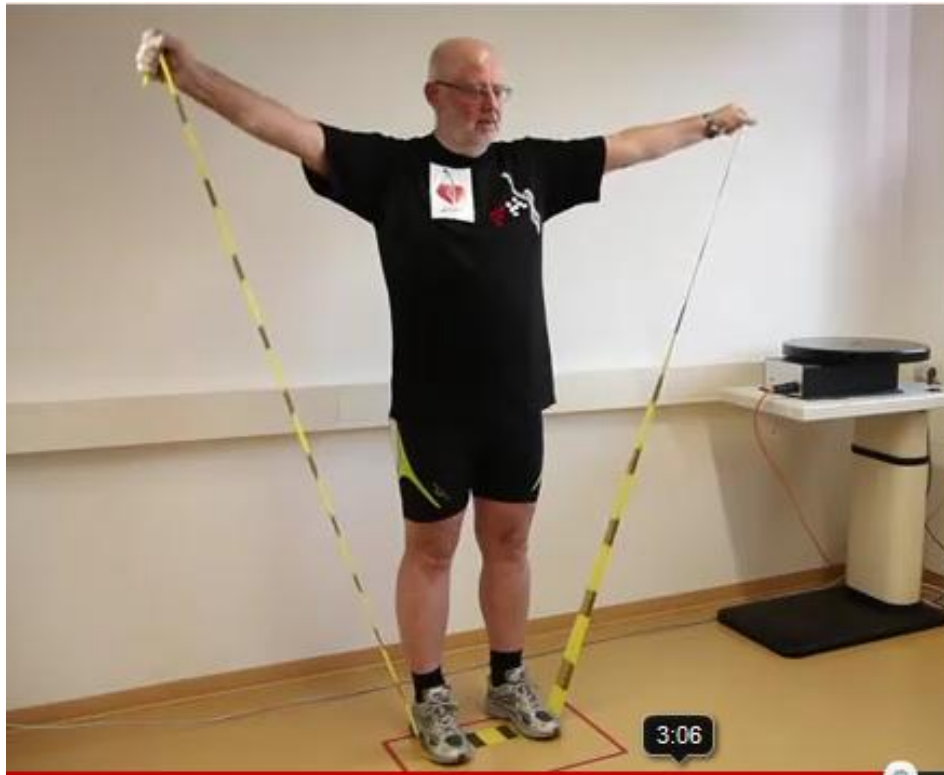
## Smart textile - an instrumented shoe

Via a sensor network and an embedded system integrated in the shoe, characteristic motion patterns will be extracted by applying current methods of sensor signal-fusion and data abstraction





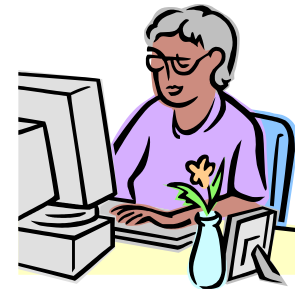
# Health@Home



*Dynamik mit Verantwortung*

# Infos

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



Kerstin.Zimmermann@bmvit.gv.at

+43 1 711 62 65 3503

*Dynamik mit Verantwortung*