



Federal Ministry
of Education
and Research



Assistance Systems for elderly People –

a central funding topic of the German Ministry of
Education and Research (BMBF)

Joachim Russ, BMBF department 514,
Micro Systems Technology

Ideen zünden!



Federal Ministry
of Education
and Research



High-tech Strategy for Germany

- **Focus** of research funding on 17 chosen priorities, of which micro systems technology is one.
- Concentrated consideration of the research funding and improvement of its **basic conditions**.
- **Fast implementation** of research results into products and services.
- Intensification of **collaborations between sciences and economy**.
- May 2009: High-tech Strategy is being enhanced by a concentration on 5 **fields of application**:
 - health and nutrition,
 - energy and climate,
 - safety and security,
 - mobility,
 - communication.



Assistive systems in ordinary to the older people

The BMBF provides altogether **125 m €** for the overall scope of AAL:

- Announcement „Senior-friendly assistive systems for a healthy and independent living“ (departments 514, 525, 316) 45 m €
- Announcement „Technologies and services for meeting the demographic shift“ (department 316) 20 m € c2
- European AAL-Joint Programme (department 514) 15 m €
- Line of funding „SILQUA-FH Social innovations for quality of life in old age“ (department 515) 14 m €
- Announcement „Intelligent implants“ (department 514) 15 m €
- Announcement „Innovative aids for rehabilitation and disabled people“ (department 615) 16 m €

a total of 125 m €

Folie 3

c2

for? towards? touching on?

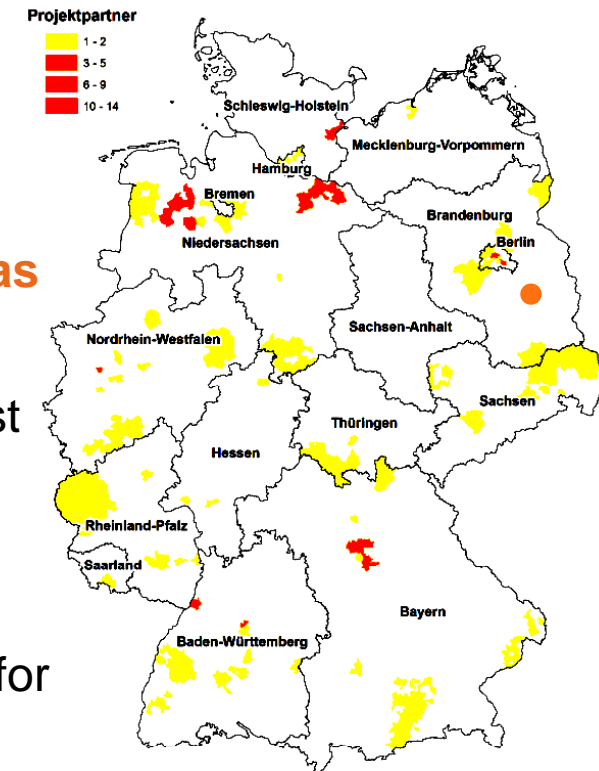
conrad; 22.09.2009



National Call „Age-fit assistive systems“

Announcement „Senior-friendly assistive systems for a healthy and independent living – AAL“

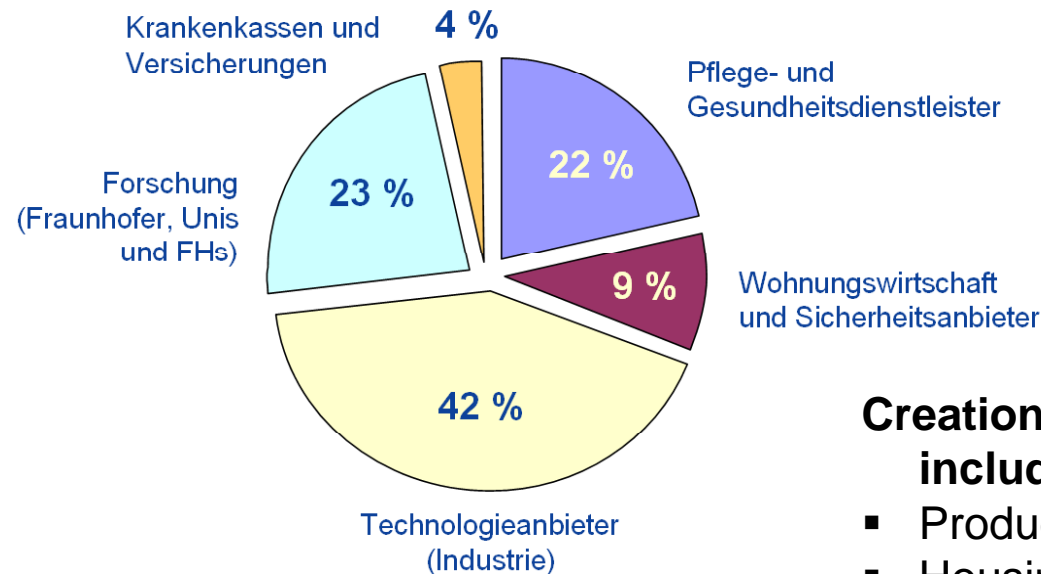
- The **18 research and development projects** selected for this funding programme (starting at the beginning of 2009) focus on combining services and technical solutions enabling older people to **live at home as long as possible**.
- The strengthening of **regional supply** and a fast implementation into practice by the means of appropriate **business models** is a fundamental focus.
- Consortia have allocated a total sum of **45 m €** for the implementation of project objectives.





Projects of the announcement „Senior-friendly assistive systems for a healthy and independent living – AAL“

Distribution among more than 150 project partners:



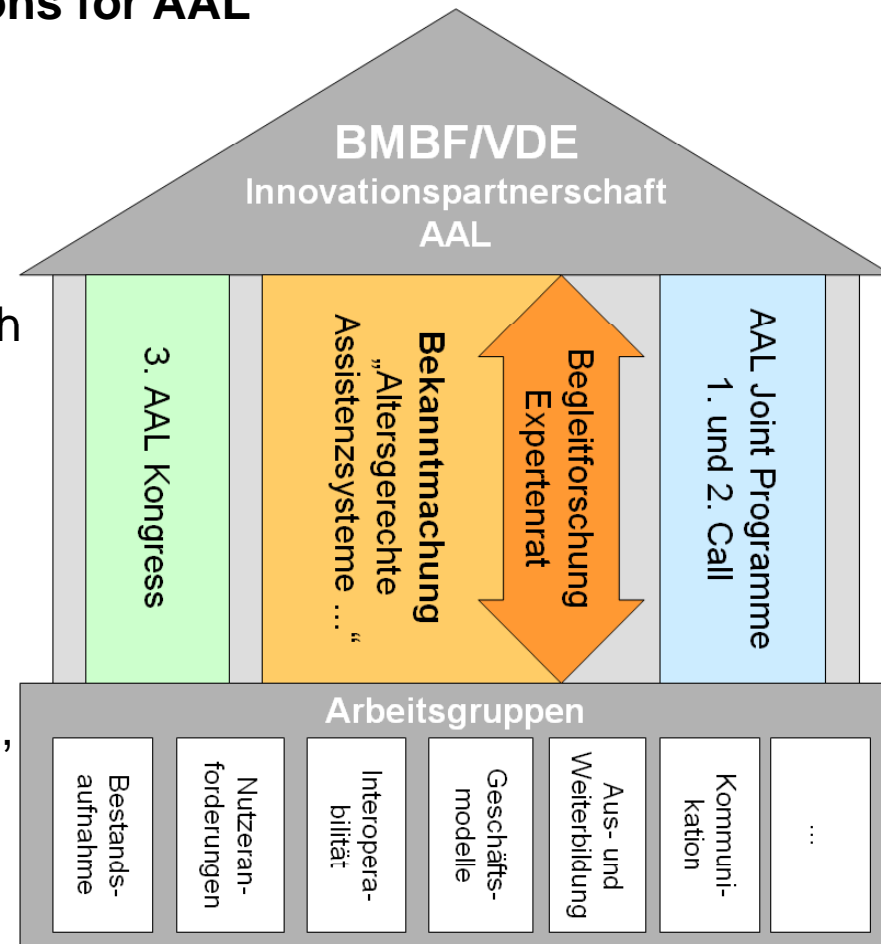
Creation of **new networks** including:

- Producers and service providers
- Housing industry
- Health insurances
- Universities and other research facilities



BMBF/VDE partnership of innovations for AAL

- Support of development and application of technical assistive systems based upon new technologies and services for people having functional restraints or health problems as well as for areas of comfort.
- Establishment of networks by all participants of the value-added chain.
- Improvement of the communication, of the public relations and of the information exchange.





Supporting projects by secondary research

- **Area of conflict** between the possibility of a helpful, technological **assistance** and the risks of electronic „**paternalism**“ or „**incapacitation**“.
- **Necessity** to deepen considerations of **ethical**, **social**, **ergonomic**, **data privacy**, judicial and economic aspects.
- The secondary research should **avoid** a development of technologically excellent, but socially controversial and **inacceptable solutions**.
- The projects are – adjusted to their needs – to be supported with necessary additional information („**Coaching**“).
- **Studies** are announced:
Currently: „User-dependent innovation barriers in the area of senior-friendly assistive systems“





Federal Ministry
of Education
and Research



German annual AAL-Congress

- 1st AAL Congress in January 2008
 - More than **300 participants** from diverse branches
 - Lessons learned:
 - **Heterogeneity** of agents
 - **Markets** have to be developed
 - Lack of **communication** between suppliers and users
- 2nd AAL-Congress in January 2009
 - More than **500 participants** with a high quote of users
 - Presentation of selected projects
- 3rd AAL-Congress 01/26 to 01/27, 2010
 - First results of the funded projects

VDE  Bundesministerium
für Bildung
und Forschung

Call for Papers

**Assistenzsysteme im Dienste
des Menschen –
zuhause und unterwegs**
3. Deutscher AAL-Kongress
mit Ausstellung
26. - 27. Januar 2010 | Berlin

www.aal-kongress.de

Soziales Umfeld
und Mobilität

Medizin
und Pflege

Sicherheit
und Privatsphäre

Wohnen
und Versorgen

Organisation:  **VDE | IT**



Federal Ministry
of Education
and Research



Contact:

Joachim Russ,

joachim.russ@bmbf.bund.de

Christine Weiss

weiss@vdivde-it.de

Hartmut Stresse

stresse@vdivde-it.de

