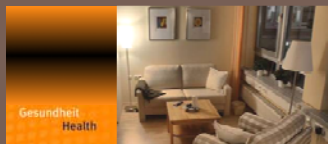


AAL = AMBIENT ASSISTED LIVING IN GERMANY

TC100 AGS
25 October 2011
Melbourne

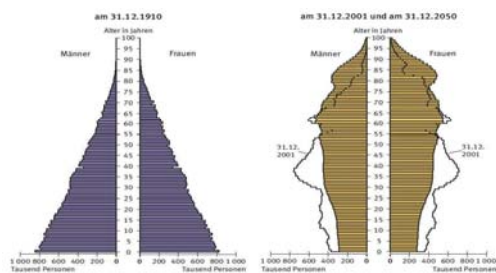
Ulrike Haltrich
Sony Europe Ltd.



Outline

- Demographic change in Germany
- Reasons for SG AAL
- Objectives for SG AAL
- What is AAL?
- German AAL Roadmap
- Draft General Gap Analysis
- SMB Meeting 142

Demographic change in Germany



2.25 mil people in need of care
- 1.54 mil are looked after by relatives or a nursing service in their home
- 0.71 mil live in nursing homes

Reasons for a SG AAL

- Demographic change
- Changed life style and longer life span leads in high seniority to multiple and chronic diseases
- Development of AAL driven by societal needs, e.g. decrease of human resources
- Relates to Smart Home, Smart Grid, Energy Efficiency
- Reliable Roadmap for future developments needed
- Avoid fragmented technical solutions (EU Mandate M403 Interoperability eHealth)

Objectives of SG AAL

Report Ad Hoc AAL to SMB April 2011

- Decision to establish SG AAL expected at SMB meeting 142 in Melbourne
- Define the scope of SG AAL
- Recommend an action-roadmap towards standardisation projects
- Define terminology, reference architecture, use cases
- Define the required interfaces
- Recommend to SMB how to coordinate the work in IEC
- Actively engage with fora and consortia (e.g. CONTINUA Health Alliance, EU AAL Innovation Alliance)
- Not to write standards

What is AAL?

- AAL = Ambient Assisted Living
„AAL“ comprises methods, concepts, (electronic) systems, products and services supporting elderly and handicapped people in their daily lives
→ improvement of the technical and social/medical systems
- It is an interaction between hardware, sensors and data

Important: ethical, social, ergonomic, ecological aspects and data protection should by no means be ignored

German AAL Roadmap (draft, Sept. 2011)

Draft Outline

- Social Context
- Definitions conformity and interoperability
- Request for System Model
- Scheme of international and regional standards related to AAL
 - Including sensors, EMC, safety, quality
- Standards in the medical area
- Gap Analysis
- Recommendations
- English translation expected for Jan. 2012

Draft General Gap Analysis

- Interoperability Standards for AAL systems
- Standards for remote maintenance of AAL systems
- AAL systems interfaces to control building automation
- Communication interfaces between AAL systems and ICT systems of the health service
- Interfaces between AAL systems and home emergency call systems
- Functional requirements including languages to describe context information for AAL
- Relation between energy efficiency and AAL systems
- Development of prototype applications and reference of best practices
- Exploration of the set up of an organisation for interoperability testing of AAL systems
- Development of business models (e.g. private-public-partnership incl. health insurance companies)

SMB Meeting 142

- Next SMB Meeting 142 on 24 Oct. 2011 in Melbourne
- SMB Decision expected to set up strategic group AAL, chaired by Germany, with SMB members ES, FR, JP, MX, NL and SE