



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Eidgenössisches Volkswirtschaftsdepartement EVD  
Bundesamt für Berufsbildung und Technologie BBT



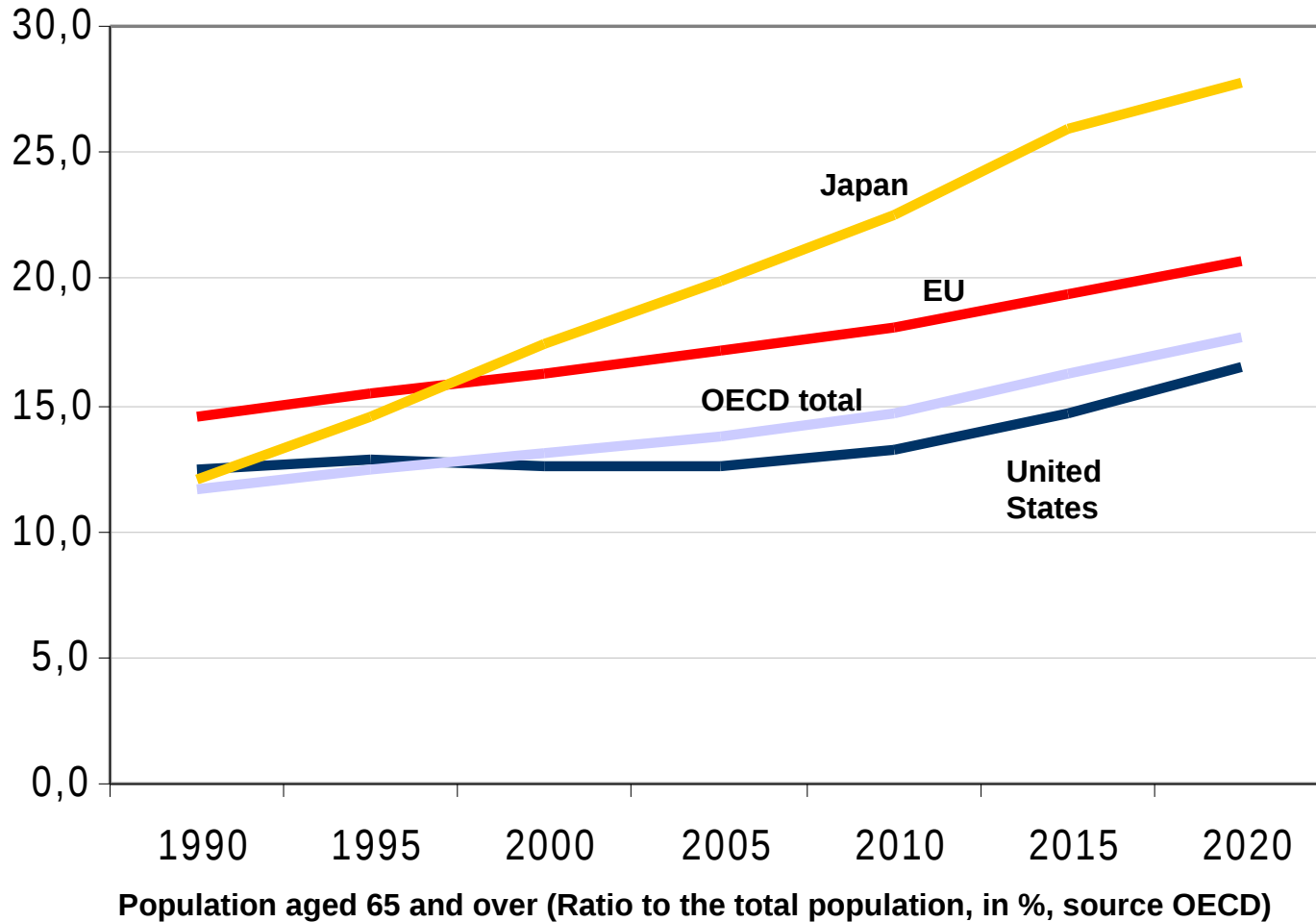
# Switzerland in the Ambient Assisted Living Joint Programme (AAL-JP)

Zurich, December 2, 2009

Dr. Daniel Egloff, OPET (BBT), European Cooperation

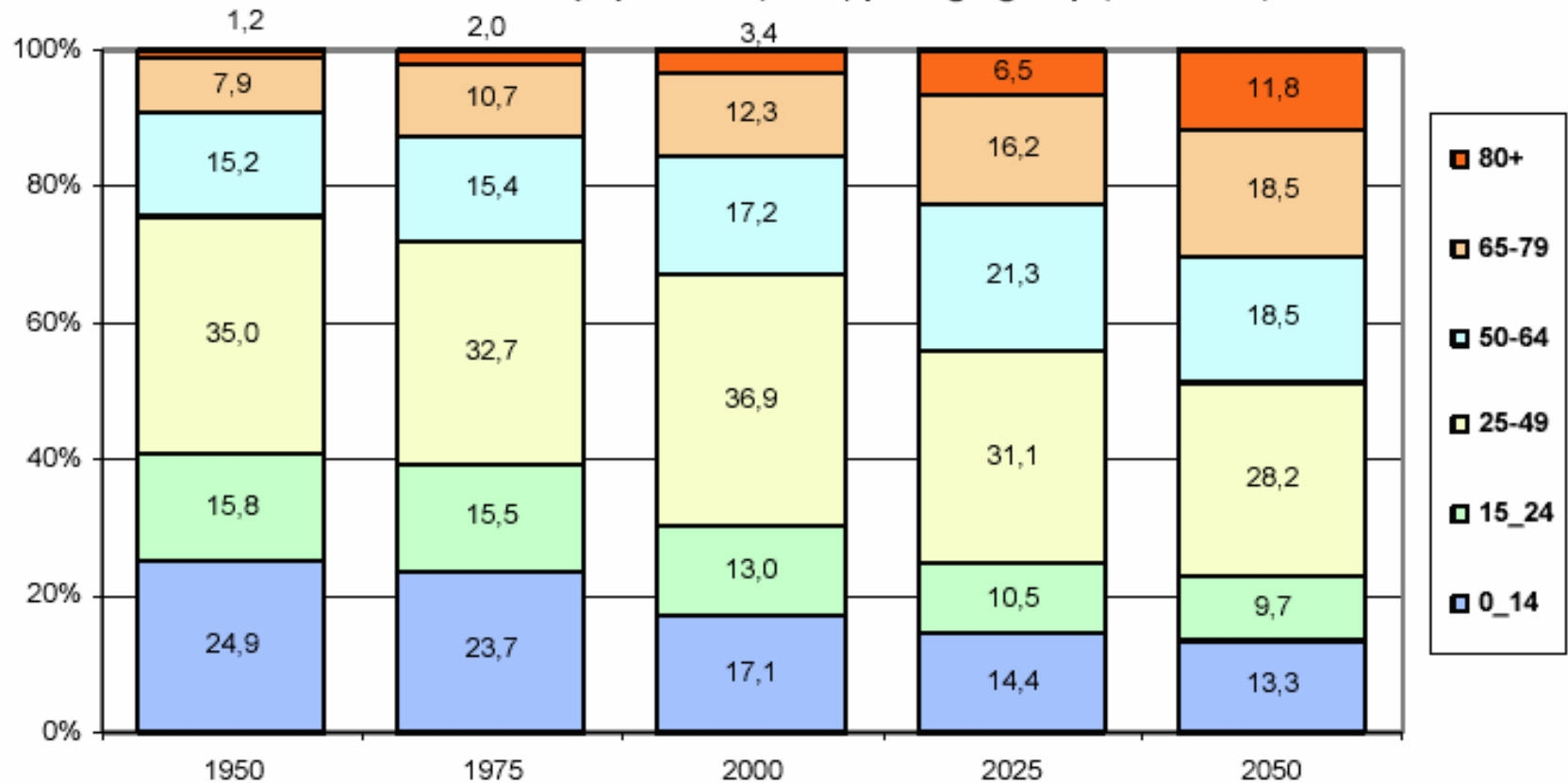


## Industrial countries: Populations are ageing





Distribution of the population (EU25) per age group (1950-2050)



Source: UN World Population Prospects (2002 Revision) and Eurostat 2004 Demographic Projections (Baseline scenario)



# Innovative Solutions for the Demographic Challenge

- Improving the quality of life of many elderly people
- Improving the situation of the carers (relatives, professionals)
- Strengthening the autonomy of the target group
- Ensuring sustainability of health and social services in terms of financial and human resources
- Creating new business opportunities for European industries
- “Silver Market”
- Worldwide demographic shift offers huge export potential

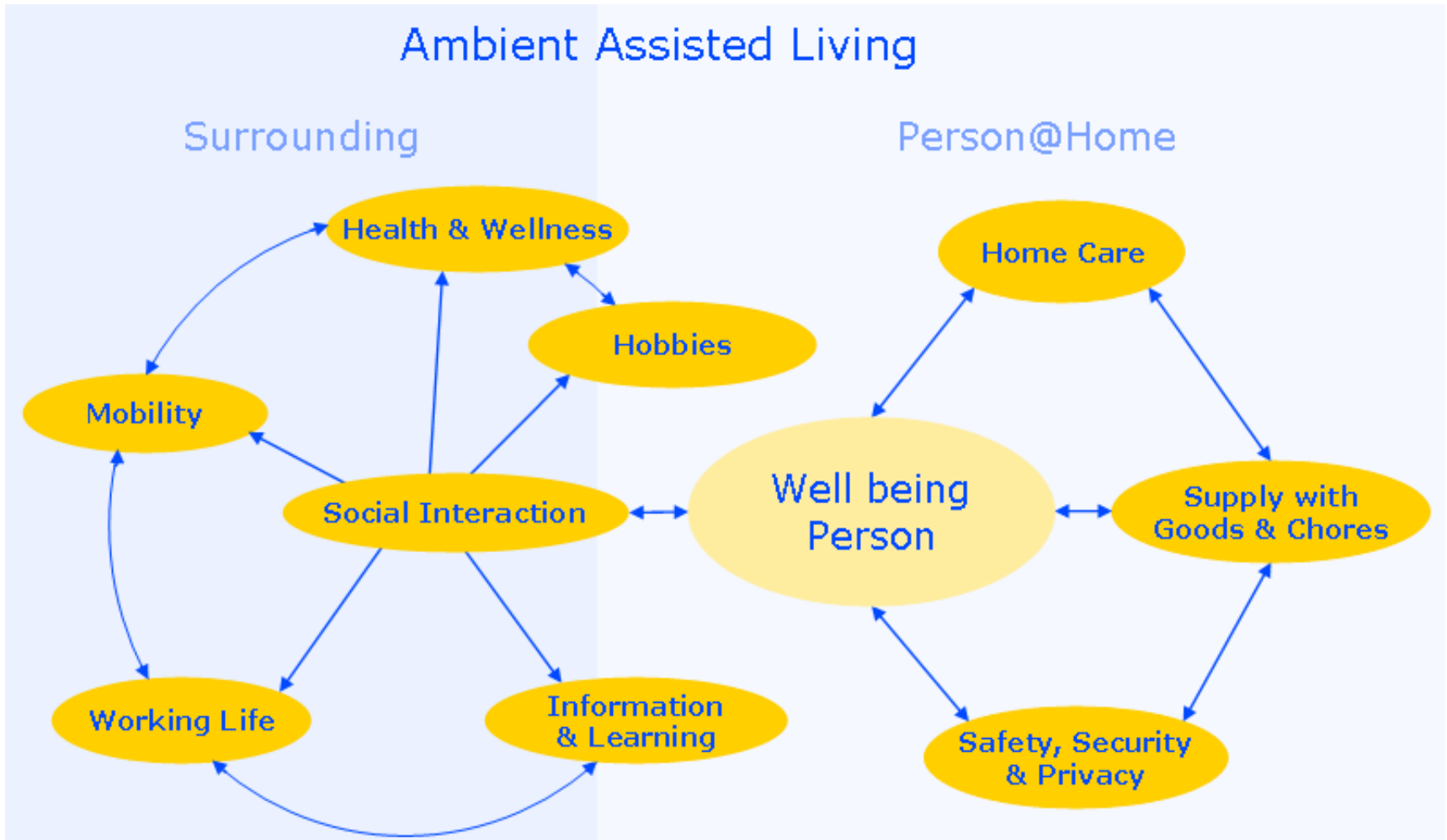


## “AAL Joint Programme” – Looking back

- AAL was a measure within FP6 in „ICT“ (1.9.2004 - 31.12.2006)
- Preparation of an **Article-169** Initiative - 14 European founding members - Switzerland was actively involved
- A funding programme for Europe, not an EU funding programme!
- AAL JP = a new funding program initiated by several partner states including **Co-Financing by the EU**, based on a decision of the European Parliament and the Council [of Ministers] in July 2008.
- AAL Association (under Belgian law)



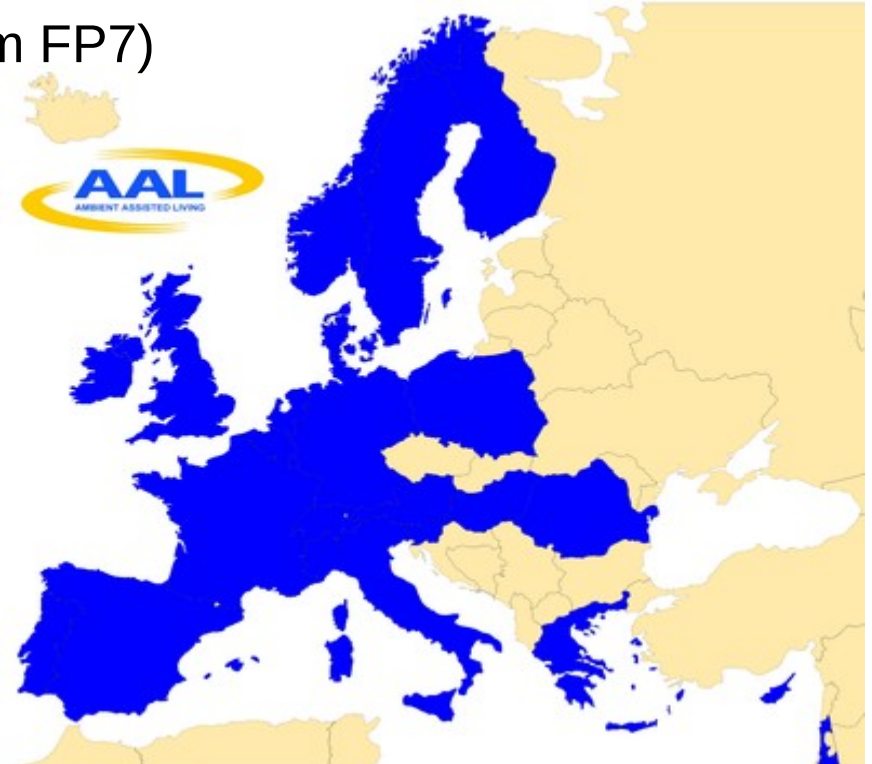
# Subjects covered by the AAL JP





## “AAL Joint Programme” - Facts

- AAL Association: 20 EU member states, 3 Non-EU countries
- Participating states pledge 35-40 Mio. € p. a. in national funding
- EU top-up: max. 25 Mio. € p. a. (from FP7)
- + Industry contribution  
(50 % public, 50 % private funding)
- ~ 600 Mio. € total volume.
- Duration 6 years: 2008 – 2013.





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>



Public funds for the  
6 years duration:  
300 Mio. €

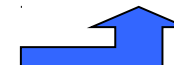


Total "public" budget  
> 50 Mio. € per year



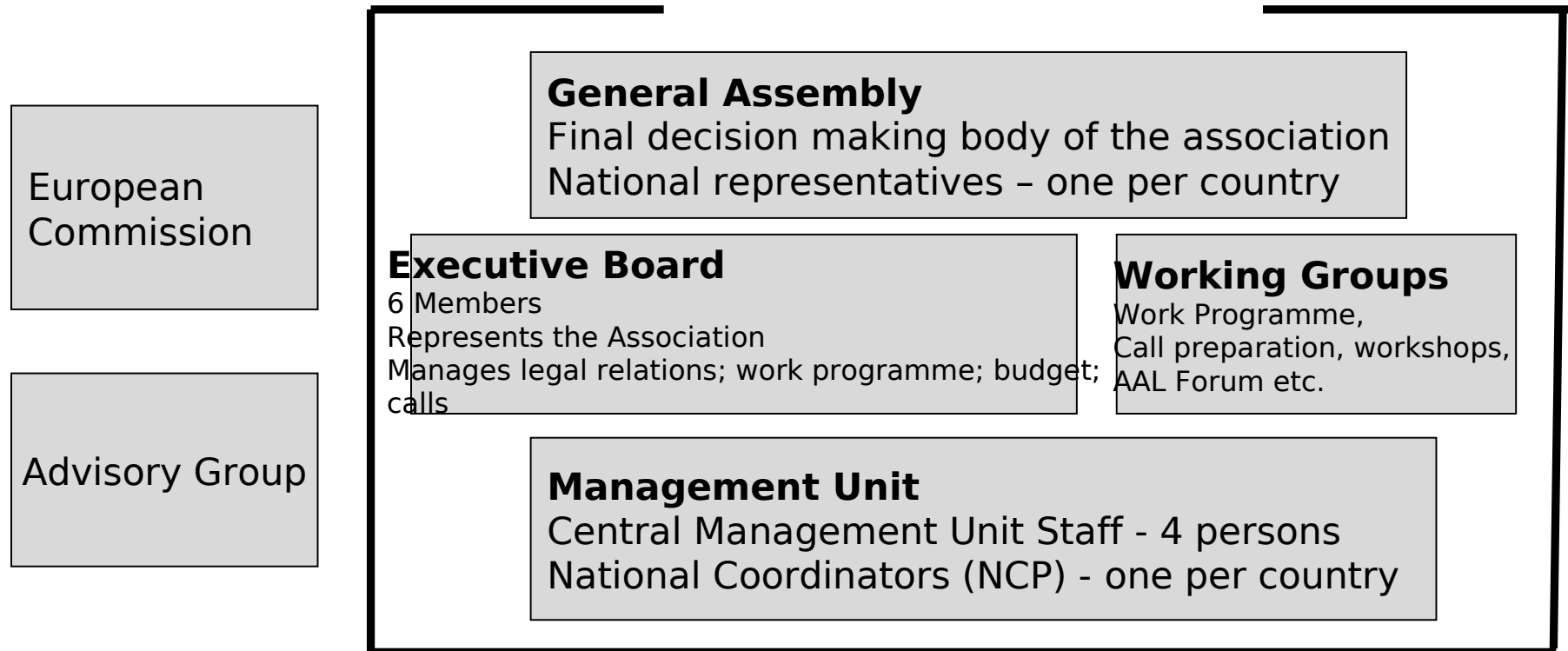
EU top-up  
(max 25 Mio €)

Matched by EC Co-funding on the  
legal basis of article 169





## AAL Association – Structure





# Switzerland in the AAL-JP

- Currently: **observer status** in the General Assembly
- Involved in preparatory work (work programme, concepts)
- Swiss expert, mandated by OPET: Urs Guggenbühl (IZSG)  
Active role in **AAL „content group“** and **AAL Forum**
- The road towards **AAL-JP membership**:  
Legal conditions and internal approval process
- Expected accession of Switzerland to the AAL-JP: 2010
- Currently **no EU top-up money**



# National Funding Rules

- Switzerland earmarks 2 million € p.a.
- National rules for public funding:
  - A project consortium consists of a R&D institution or a university and an enterprise and/or end-user organisation
  - The partnership is well equilibrated with a 50% to 50% distribution of the project costs
  - The public funding is paid exclusively to the R&D institution or the university; the enterprise has the right to exploit the project results
  - Maximum national public funding per project is 1 Mio CHF
- Currently no EU top-up money:

Funding Source	Industry / User Organisation 50%	National (OPET) 50%
Project costs covered:	Industry / User Organisation 50%	R&D-Institution or University 50%



# Consortium Composition

- Size of the consortium: **3 – 10 partners**
- Independent legal entities from at least 3 different AAL Partner States
- At least one **SME** (other business partners possible)
- Consortium must include at least one **organisation representing end-users** (aim: „market pull“ by engaging end-users)

## Definition „end-users“:

- **Primary end-users:** Persons who use an AAL product or service
- **Secondary end-users:** Persons or organisations directly in contact with a primary end-user, such as care persons and care organisations.
- **Tertiary end-user:** Public and private or organisations who contribute to organizing, paying for or enabling AAL products and services: Public sector service providers, social security systems, insurance companies etc.



# Participation Rules

- Compliance of the consortium members with the specific national eligibility rules
- Duration of the project: 12 – 36 months
- Total project budget: 1 -7 M €
- Maximum funding from the AAL Joint Programme: 3 Mio €
- Consortia submit one common project proposal and have one coordinator
- English is the language of the proposal
- Project proposals are evaluated centrally
- Funding of individual project partners according to national rules



# Key Proposal Requirements

- **Significant industry involvement**  
Particularly SMEs (i.e. the budget / effort associated with non-industrial RTD institutions should not outweigh that of the remaining partners).
- **End-user involvement**  
Proposals should address clearly defined market segments, use cases and target groups in terms of wishes, needs, interests, knowledge, etc.  
The solutions should be validated in „real end-user“ situations for a well defined user case study.
- **Business plan**
- **Time-to-market perspective:** 2 - 3 years after project´s end.



# Steps for Call Participants

- Contact NCP
- Submit pre-proposal check form
- Submit pre-proposal
- Submit proposal
- Wait for eligibility check result
- Wait for funding decision
- Stand by for possible consortium reorganisaton
- Start negotiation process with OPET (BBT)
- Sign national funding contract
- Concluce consortium agreement (including IPR regulations)

**AAL**  
AMBIENT ASSISTED LIVING

Pre-proposal check – Call AAL-2009-2

The **Ambient Assisted Living Joint Programme** is a joint research and development (R&D) funding programme implemented by 20 Member States of the European Union and 3 Associated States with financial support of the European Community based on article 169 of the EC treaty.

National funding rules are applied under the AAL Joint Programme. The rules for each participating AAL Partner State or National Funding Authority are available from the call website. On top of this pre-check, it is highly recommended for all partners of a consortium to contact their AAL National Contact Person prior to submission.

**Send this form (in English) prior to the 5<sup>th</sup> of April 2009 to [cmu@aal-europe.eu](mailto:cmu@aal-europe.eu).**

The AAL CMU will forward this information to the AAL NCP indicated in this form. It is intended that you receive an answer from the lead AAL NCP.

**Please note:**  
This pre-proposal check is offered by representatives of the AAL Joint Programme. By submitting your short project description, you agree that these will distribute it to other AAL national contact persons in order to exchange views and to provide better feedback. The submission of a short project idea description must be made by 5 April 2009 at the latest.  
AAL representatives will reply by phone call or by e-mail giving short feedback to this pre-proposal. The feedback does not constitute in any respect a pre-evaluation of a proposal in terms of its quality. The advice given is strictly informal and non-binding. The advice provided through the pre-proposal check does not in any way engage the AAL Joint Programme representatives with regard to acceptance or rejection of the proposal when it is formally submitted at a later stage.

**Pre-proposal check form**

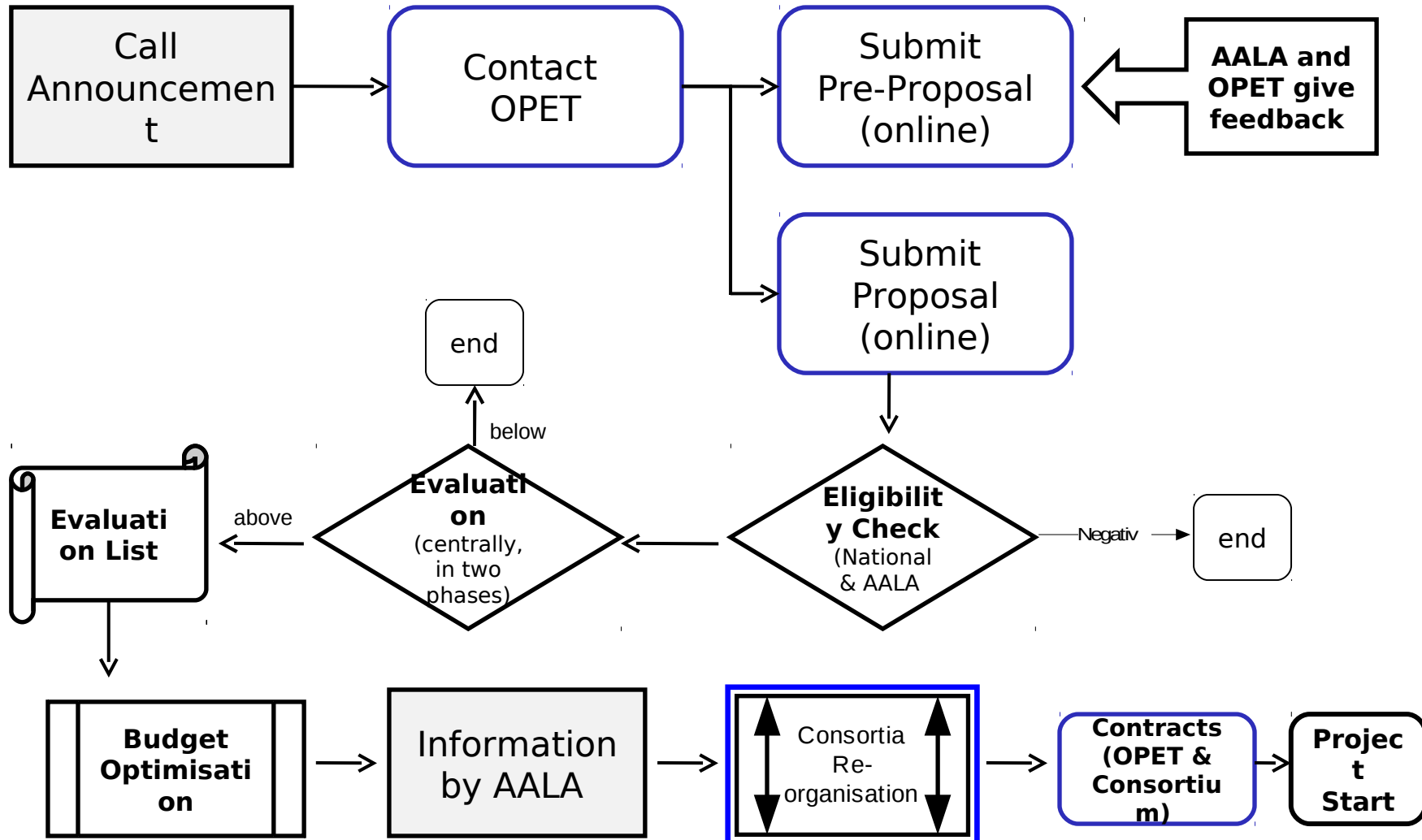
Sender details	
Name/First name	
Organisation	
Country	
Contact telephone	
Contact eMail	

Project name/title

Objectives of the project (max. 16 to 18 pages)

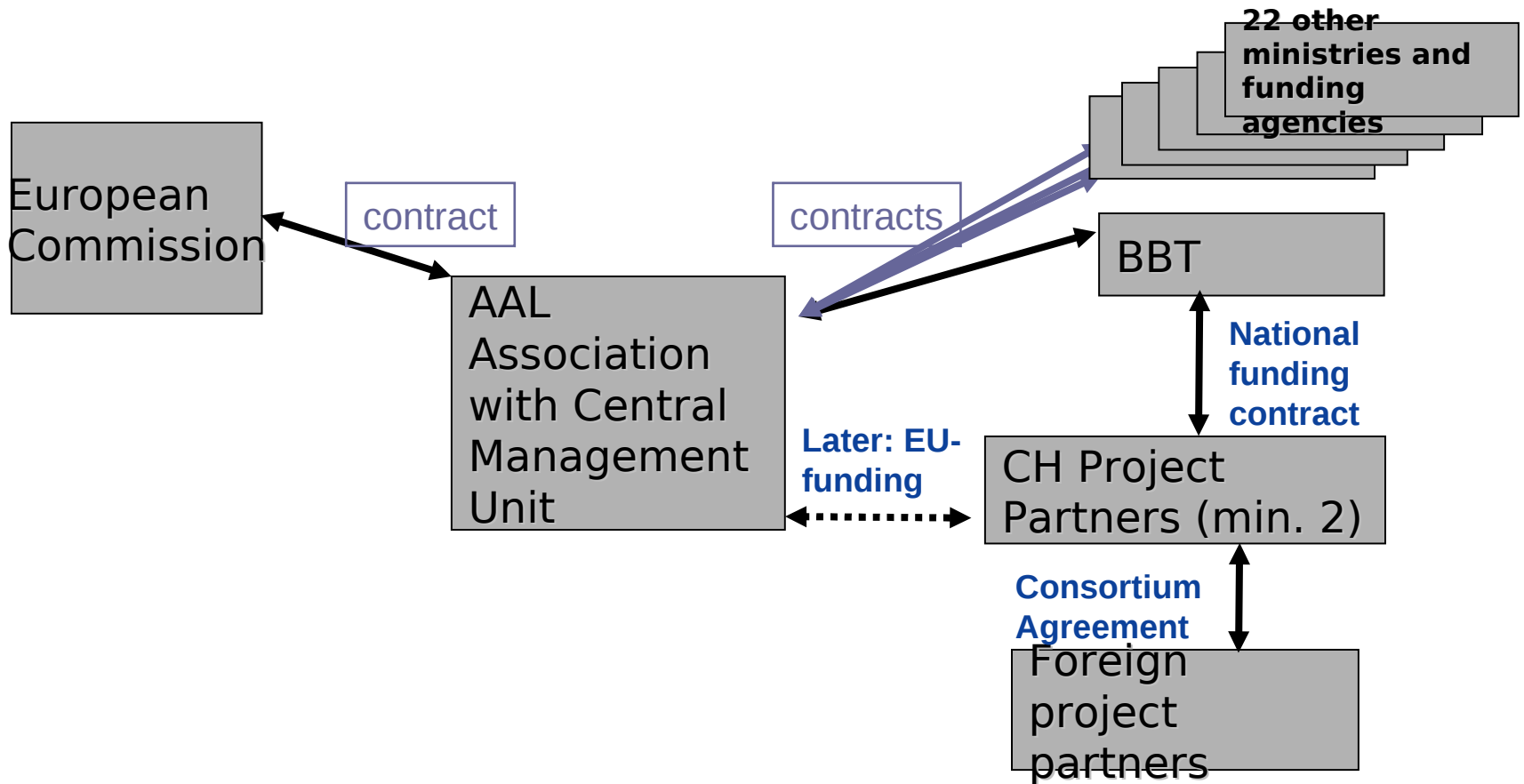


# Procedures for CH Participants





# Contractual Agreements





# Reporting Duties

- **Central level reporting:** to measure overall progress of project
  - **6-months progress reports:** state of the project and assessment of each partner in relation to the agreed work plan
  - **Project review meetings:** a) obligatory mid-term review  
b) final project review in some cases
  - Submit reports via Lead NCP (report template available)
- **National level reporting:** to measure performance of national project partners
  - Progress reports: After first three-months, then every 6 months
  - Final report, including commercialisation plan.
  - Financial status reports: 6 months after project start, then yearly, and a final financial report.
  - Submit reports to OPET (report templates available)



# Swiss Participation in Call 2 (Review)



Topic: “ICT based solutions for Advancement of Social Interaction of Elderly People”

- General Statistics:
  - Number of proposals: 104 (117)
  - Number of partners: 762 (964)
  - Average partners/proposal: 7,3 (8,2)
  - Total available funding budget: 60.9 m€
  - Requested budget: 163 m€
  - Requested/proposal: 1,6 m€ (1,9)
  - Oversubscription: 2,9
- Swiss Participation:
  - Number of projects with Swiss participation submitted: 14  
(with Swiss coordinators: 3)
  - Positively evaluated: 6 (!)
  - Total national funding requested: 6,3 Mio €
  - Projects retained on the Evaluation List: 3
  - Projects retained after re-organisation: 5
  - Number of projects pending: 2 (1 new)



# Responsibilities in Switzerland Regarding European R&D Programmes and Initiatives:

SER/  
EURESEARCH

OPET (BBT)

Basic Research



**Technology Development  
and Applied Research**



**Product Development /  
Market**

7th Framework  
Research Programm  
(7. FRP)

Short term: time-to-market 2—3 years;  
strong market orientation (applied R&D)

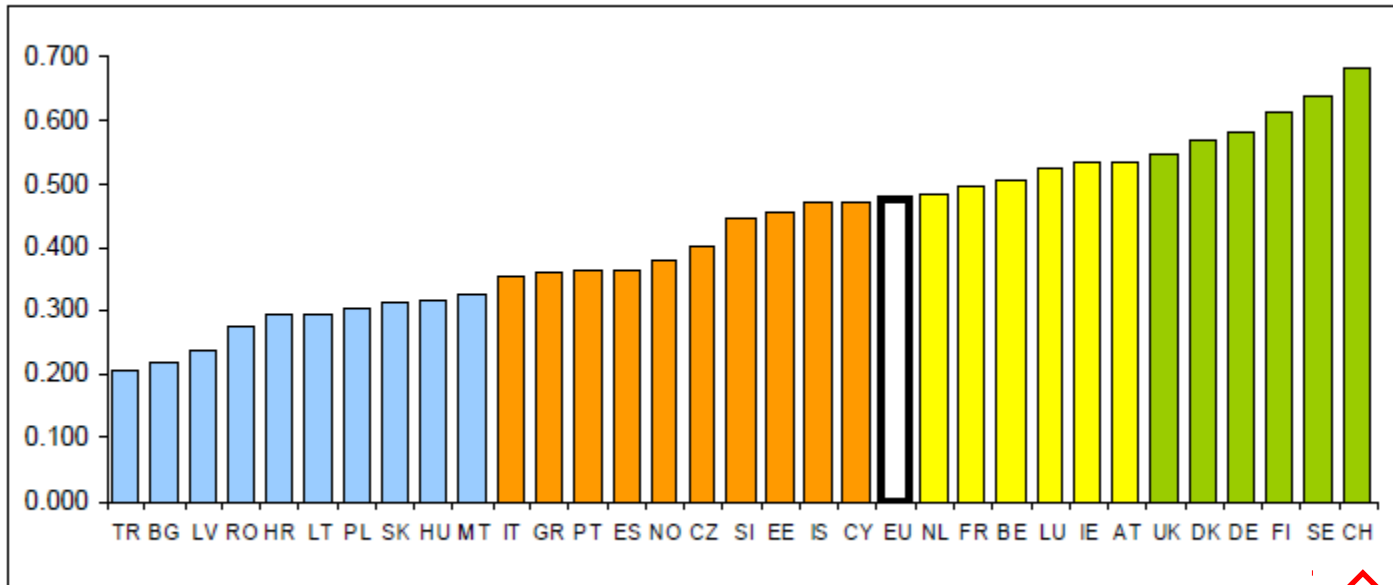
AAL, Eurostars (Art.169),  
ARTEMIS, ENIAC (Art.171),  
Era-Nets, Eureka-Cluster

Competitiveness &  
Innovation Programm (CIP)



*And the winner is....*

**FIGURE 2: INNOVATION PERFORMANCE (2008 SUMMARY INNOVATION INDEX)**



Reference data for most of the underlying indicators are for 2006 and 2007.

**Quellenangabe:**  
**EUROPEAN INNOVATION SCOREBOARD 2008**  
**COMPARATIVE ANALYSIS OF INNOVATION PERFORMANCE**

January 2009

The EIS report and its Annexes, accompanying thematic papers and the indicators' database are available at <http://www.proinno-europe.eu/metrics>



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Eidgenössisches Volkswirtschaftsdepartement EVD  
Bundesamt für Berufsbildung und Technologie BBT



# Switzerland in the Ambient Assisted Living Joint Programme (AAL-JP)

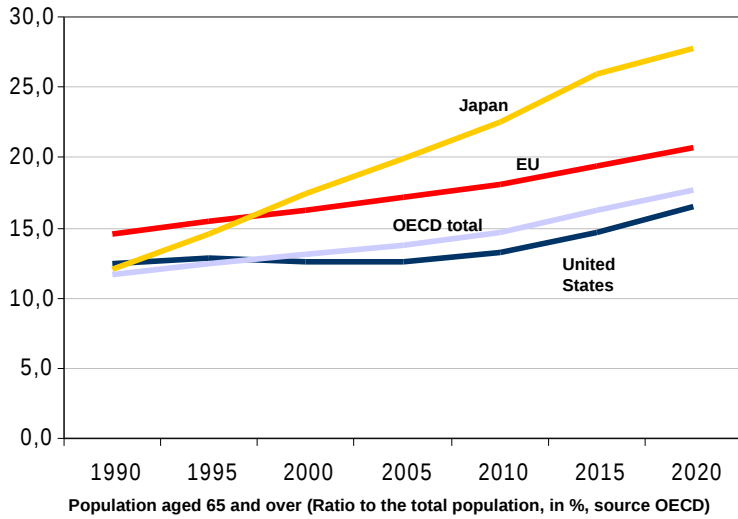
Zurich, December 2, 2009

Dr. Daniel Egloff, OPET (BBT), European Cooperation

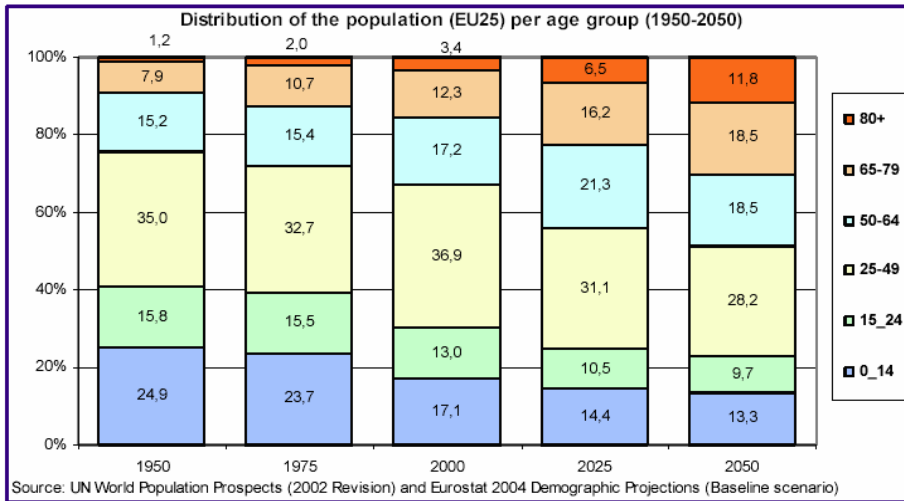
1



## Industrial countries: Populations are ageing



EFHK Sitzung in Bern, 10. März  
2000: Dr. Franziska Schweizer





## **Innovative Solutions for the Demographic Challenge**

- Improving the quality of life of many elderly people
- Improving the situation of the carers (relatives, professionals)
- Strengthening the autonomy of the target group
- Ensuring sustainability of health and social services in terms of financial and human resources
- Creating new business opportunities for European industries
- “Silver Market”
- Worldwide demographic shift offers huge export potential

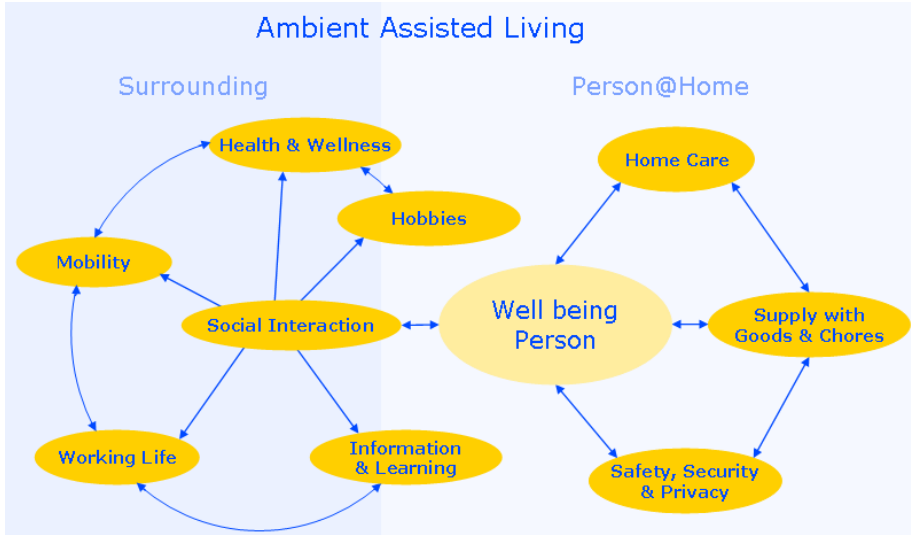


## “AAL Joint Programme” – Looking back

- AAL was a measure within FP6 in „ICT“ (1.9.2004 - 31.12.2006)
- Preparation of an **Article-169** Initiative - 14 European founding members - Switzerland was actively involved
- A funding programme for Europe, not an EU funding programme!
- AAL JP = a new funding program initiated by several partner states including **Co-Financing by the EU**, based on a decision of the European Parliament and the Council [of Ministers] in July 2008.
- AAL Association (under Belgian law)



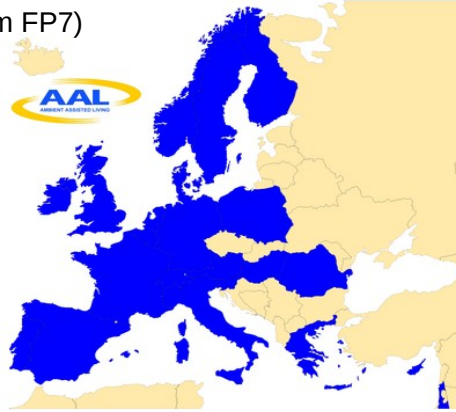
# Subjects covered by the AAL JP





## “AAL Joint Programme” - Facts

- AAL Association: 20 EU member states, 3 Non-EU countries
- Participating states pledge 35-40 Mio. € p. a. in national funding
- EU top-up: max. 25 Mio. € p. a. (from FP7)
- + Industry contribution  
(50 % public, 50 % private funding)
- ~ 600 Mio. € total volume.
- Duration 6 years: 2008 – 2013.





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>



Public funds for the 6 years duration: 300 Mio. €



Total "public" budget > 50 Mio. € per year



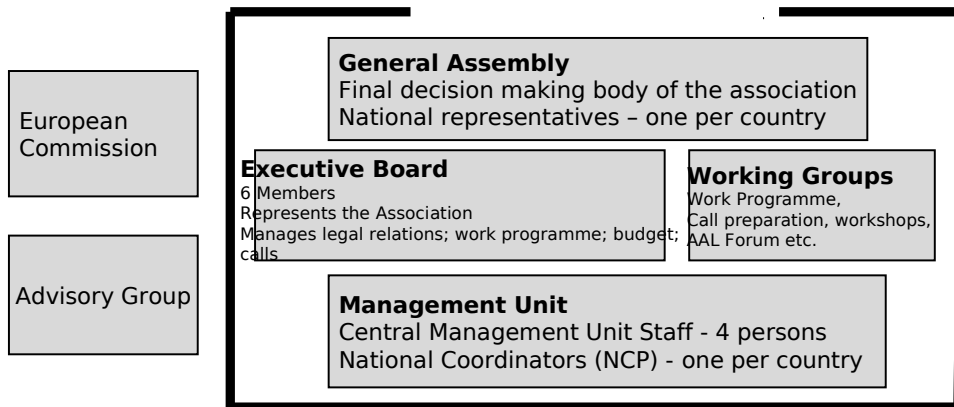
EU top-up (max 25 Mio €)

Matched by EC Co-funding on the legal basis of article 169





## AAL Association – Structure





## Switzerland in the AAL-JP

- Currently: **observer status** in the General Assembly
- Involved in preparatory work (work programme, concepts)
- Swiss expert, mandated by OPET: Urs Guggenbühl (IZSG)  
Active role in **AAL „content group“** and **AAL Forum**
- The road towards **AAL-JP membership**:  
Legal conditions and internal approval process
- Expected accession of Switzerland to the AAL-JP: 2010
- Currently **no EU top-up money**



## National Funding Rules

- Switzerland earmarks 2 million € p.a.
- National rules for public funding:
  - A project consortium consists of a R&D institution or a university and an enterprise and/or end-user organisation
  - The partnership is well equilibrated with a 50% to 50% distribution of the project costs
  - The public funding is paid exclusively to the R&D institution or the university; the enterprise has the right to exploit the project results
  - Maximum national public funding per project is 1 Mio CHF
- Currently no EU top-up money:

Funding Source	Industry / User Organisation 50%	National (OPET) 50%
Project costs covered:	Industry / User Organisation 50%	R&D-Institution or University 50%

Bottom-up approach, no set topics



## Consortium Composition

- Size of the consortium: **3 – 10 partners**
- Independent legal entities from at least 3 different AAL Partner States
- At least one **SME** (other business partners possible)
- Consortium must include at least one **organisation representing end-users** (aim: „market pull“ by engaging end-users)

### Definition „end-users“:

- **Primary end-users:** Persons who use an AAL product or service
- **Secondary end-users:** Persons or organisations directly in contact with a primary end-user, such as care persons and care organisations.
- **Tertiary end-user:** Public and private or organisations who contribute to organizing, paying for or enabling AAL products and services: Public sector service providers, social security systems, insurance companies etc.

Bottom-up approach, no set topics



## Participation Rules

- Compliance of the consortium members with the specific national eligibility rules
- Duration of the project: 12 – 36 months
- Total project budget: 1 -7 M €
- Maximum funding from the AAL Joint Programme: 3 Mio €
- Consortia submit one common project proposal and have one coordinator
- English is the language of the proposal
- Project proposals are evaluated centrally
- Funding of individual project partners according to national rules

Bottom-up approach, no set topics



## Key Proposal Requirements

- **Significant industry involvement**

Particularly SMEs (i.e. the budget / effort associated with non-industrial RTD institutions should not outweigh that of the remaining partners).

- **End-user involvement**

Proposals should address clearly defined market segments, use cases and target groups in terms of wishes, needs, interests, knowledge, etc.

The solutions should be validated in „real end-user“ situations for a well defined user case study.

- **Business plan**

- **Time-to-market perspective:** 2 - 3 years after project´s end.



# Steps for Call Participants

- Contact NCP
- Submit pre-proposal check form
- Submit pre-proposal
- Submit proposal
- Wait for eligibility check result
- Wait for funding decision
- Stand by for possible consortium reorganisaton
- Start negotiation process with OPET (BBT)
- Sign national funding contract
- Conclude consortium agreement (including IPR regulations)



The Ambient Assisted Living Joint Programme is a joint research and development (R&D) funding programme implemented by 20 Member States of the European Union and 3 Associated States with financial support of the European Community based on Article 100 of the EC Treaty.

National funding rules are applied under the AAL Joint Programme. The rules for each participating AAL Partner State or National Funding Authority are available from the call website. On the 10th of this document, it is highly recommended for all partners of a consortium to contact their AAL National Contact Person prior to submission.

Send this form (in English) prior to the 5<sup>th</sup> of April 2009 to [cmu@aal-europe.eu](mailto:cmu@aal-europe.eu).

The AAL CMU will forward this information to the AAL NCP indicated in this form. It is intended that you receive an answer from the lead AAL NCP.

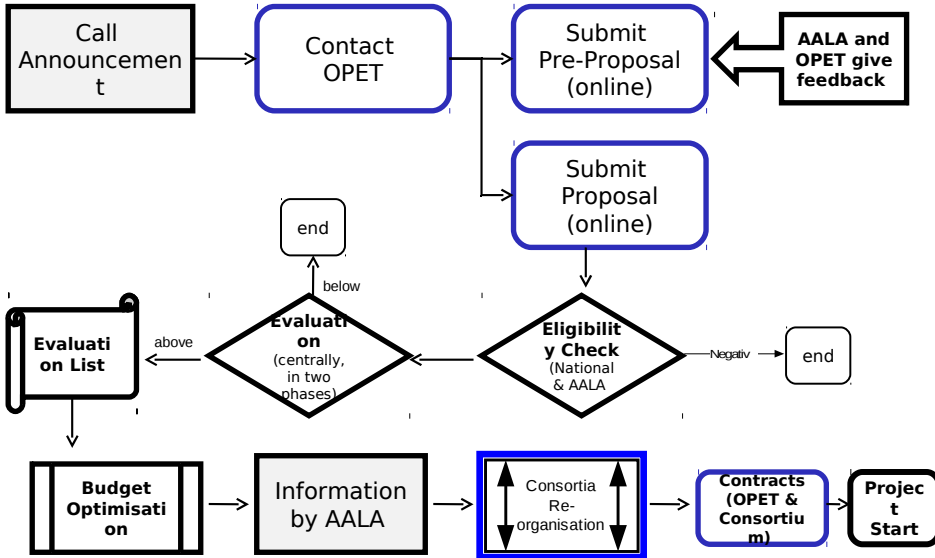
**Please note:** The pre-proposal check is offered by representatives of the AAL Joint Programme. By submitting your short project description, you agree that these will distribute it to other AAL national contact persons in order to exchange views and to provide better feedback. The submission of a short project description must be made by 5 April 2009 at the latest. AAL representatives will reply by phone call or by e-mail giving short feedback to this pre-proposal. The feedback does not constitute any request or reservation of a proposal in terms of its quality. The advice given is advisory and non-binding. The advice provided through the pre-proposal check does not in any way engage the AAL Joint Programme representatives with regard to acceptance or rejection of the proposal or until it is formally submitted at a later stage.

### Pre-proposal check form

Partner details	
Name/First name	
Organisation	
Country	
Contact telephone	
Contact e-mail	
Project name/title	
Objectives of the project and its impact	

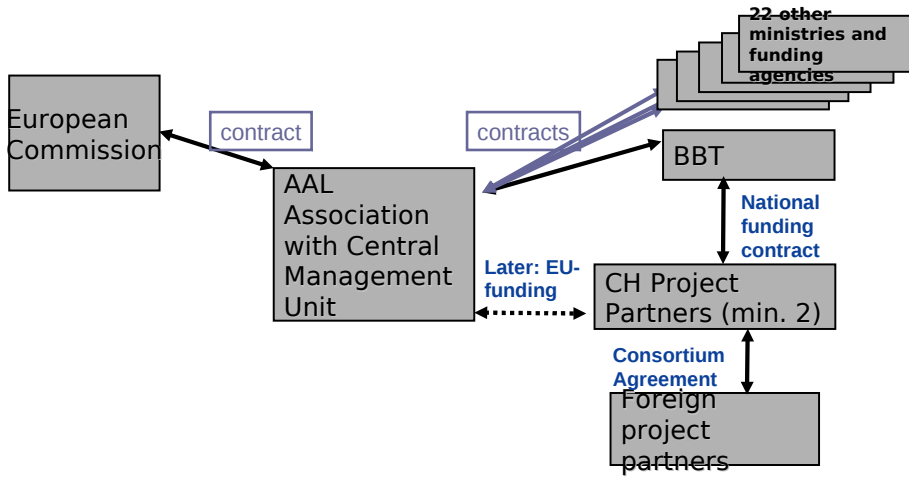


# Procedures for CH Participants





# Contractual Agreements





## Reporting Duties

- **Central level reporting:** to measure overall progress of project
  - **6-months progress reports:** state of the project and assessment of each partner in relation to the agreed work plan
  - **Project review meetings:** a) obligatory mid-term review  
b) final project review in some cases
  - Submit reports via Lead NCP (report template available)
- **National level reporting:** to measure performance of national project partners
  - Progress reports: After first three-months, then every 6 months
  - Final report, including commercialisation plan.
  - Financial status reports: 6 months after project start, then yearly, and a final financial report.
  - Submit reports to OPET(report templates available)

erstmalig 3 Monate nach dem offiziellen Projektbeginn und dann alle 6 Monate einen Projekt-Report sowie nach Abschluss des Projekts einen Schlussbericht (mit einem Umsetzungsplan) per E-Mail einzureichen. Zusätzlich sind gemeinsam ein finanzieller Zwischenbericht erstmalig 6 Monate nach dem offiziellen Projektbeginn und dann jährlich sowie nach Abschluss des Projekts ein finanzieller Schlussbericht



## Swiss Participation in Call 2 (Review)



Topic: "ICT based solutions for Advancement of Social Interaction of Elderly People"

- General Statistics:
  - Number of proposals: 104 (117)
  - Number of partners: 762 (964)
  - Average partners/proposal: 7,3 (8,2)
  - Total available funding budget: 60.9 m€
  - Requested budget: 163 m€
  - Requested/proposal: 1,6 m€ (1,9)
  - Oversubscription: 2,9
  
- Swiss Participation:
  - Number of projects with Swiss participation submitted: 14  
(with Swiss coordinators: 3)
  - Positively evaluated: 6 (!)
  - Total national funding requested: 6,3 Mio €
  - Projects retained on the Evaluation List: 3
  - Projects retained after re-organisation: 5
  - Number of projects pending: 2 (1 new)



## Responsibilities in Switzerland Regarding European R&D Programmes and Initiatives:

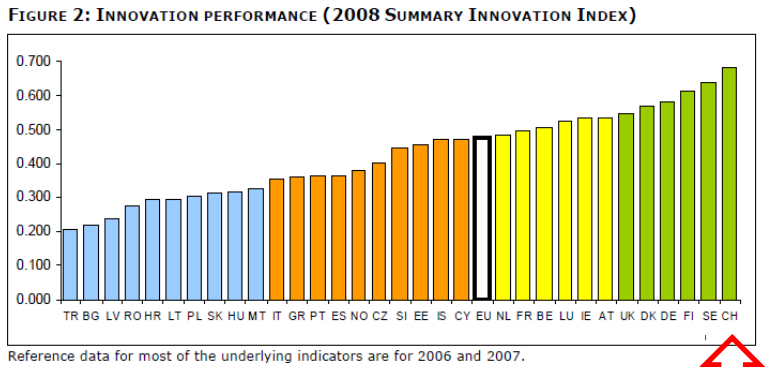
SER/  
EURESEARCH

OPET (BBT)





*And the winner is....*



**Quellenangabe:**  
**EUROPEAN INNOVATION SCOREBOARD 2008**  
**COMPARATIVE ANALYSIS OF INNOVATION PERFORMANCE**  
January 2009  
The EIS report and its Annexes, accompanying thematic papers and the indicators' database are available at <http://www.proinno-europe.eu/metrics>

EFHK Sitzung in Bern, 10. März  
2009: Dr. Franziska Schweizer