



# Showcase of an AAL Project in Switzerland: European collaboration in the project

## HELASCoL

AAL-2009-2-085



Dr Francesca Faraci



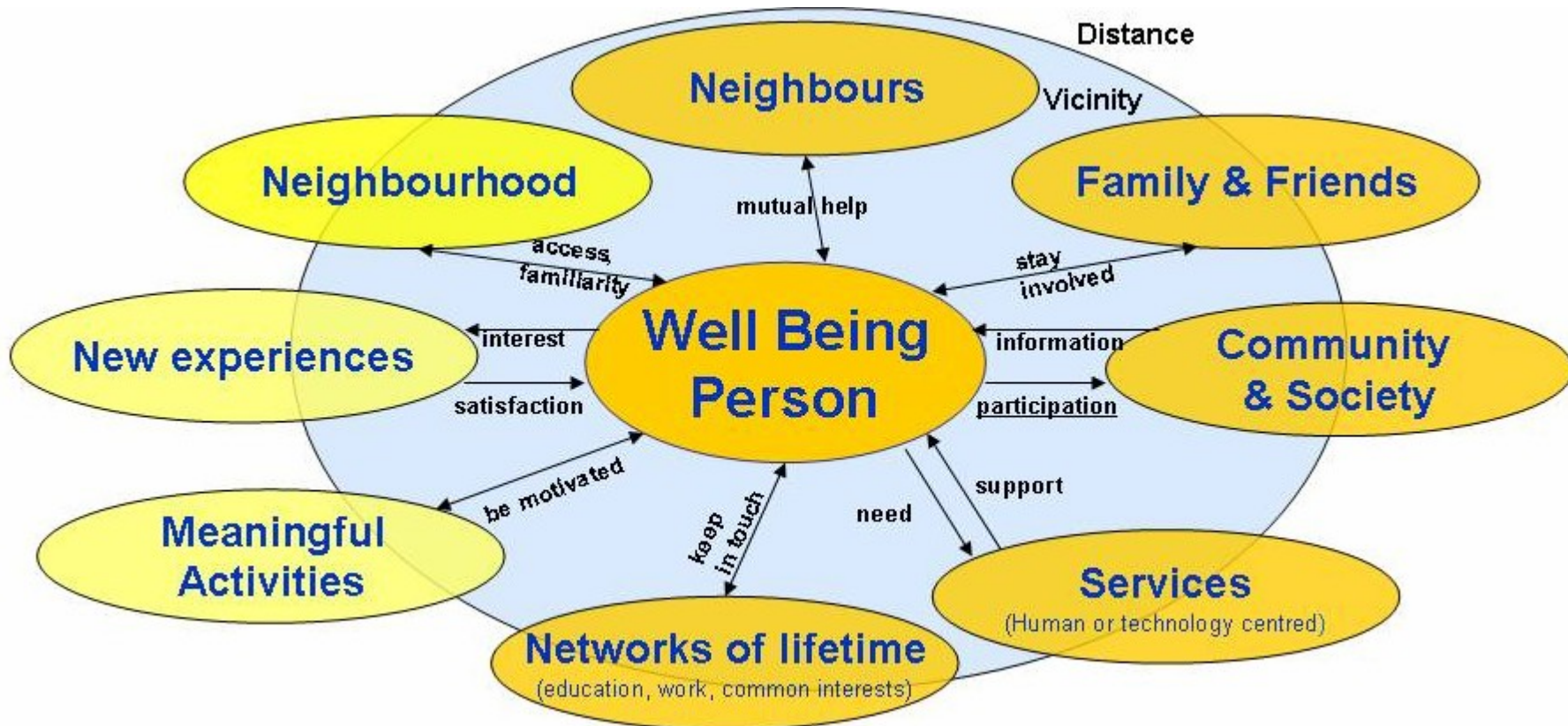
## **AAL Call 2009-2**

### **Ambient Assisted Living (AAL) Joint Programme “ICT based solutions for Advancement of Social Interaction of Elderly People”**

The core of the AAL Joint Programme is to provide innovative Information and Communication Technologies ICT based solutions to elderly persons, which means innovative products, systems or services addressing identified wishes and needs of the end-users.

When elderly people are connected to family and friends, this fosters links to neighbors and the (physical) neighborhood and by extension the community and society. The networks of a lifetime (from education and employment) can be maintained or reestablished through involvement in common interest groups, in conjunction with the use of technical services.

# AAL Call 2009-2



Modern Concept of Health

# HELASCoL

Helping Elders to Live an Active and Socially COnnected Life by involving them in the digital society

The „Helping elders to live an active and socially connected life by involving them in the digital society” project **addresses the objectives of the AAL2** call by offering a 360 degree user involvement methodology to examine how a new approach towards emerging technologies can be harnessed to support the involvement of elderly people in the digital society. The project focuses on providing an enriched communication experience, anywhere, anytime and to any device with accessible, intuitive, easy to use, multimodal User Interfaces.

The goal is to enable elderly people, their family and social surrounding to share their everyday experiences and help them make use of existing and currently developed multimedia services to generate the sense of closeness and community belonging they are searching for.

The project will not only **apply state-of-the-art communication technology** to provide the users with a means of contact with other people, but will also seek to understand how elderly people use technological devices and what their expectations are from a piece of technology that is supposed to make their lives easier and use this knowledge in developing **Proactive end-user involvement throughout the project.** The issues of accessibility, end-user

acceptance and usability are strongly addressed.

COMMUNICATION  
ENTERTAINMENT  
ACCESSIBILITY  
ACTIVE LIFESTYLE  
ENERGY EFFICIENCY

# HELASCoL



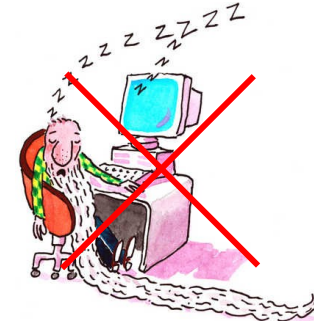
Internet



TV



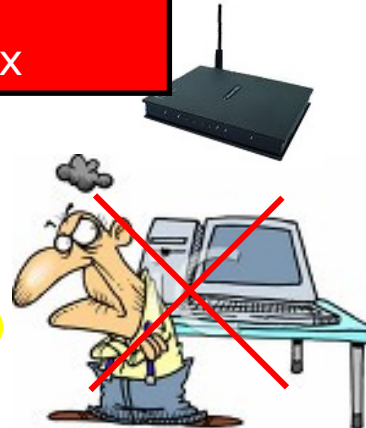
Mobile Phones



Multi Media  
Communication Box



PC



# Consortium

Participant no.	Participant organisation name	Participant short name	Organisation type	Country
1	Coord Metacom Holding Zrt.	MCH	SME	Hungary
2	Meticube, Lda	METI	SME	Portugal
3	University of Applied Sciences of Southern Switzerland	SUPSI	University	Switzerland
4	Ericsson Magyarország Kft.	ERIC	SME	Hungary
5	Parco Maraini Residence	PMR	End user organization	Switzerland
6	City of Kecel Local Government	KLG	End user organization	Hungary

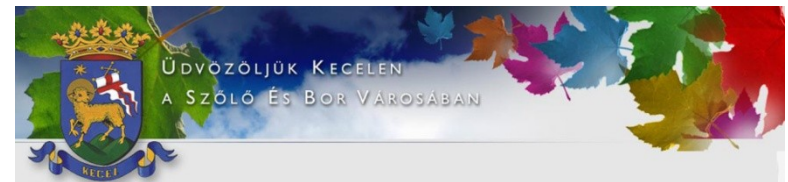
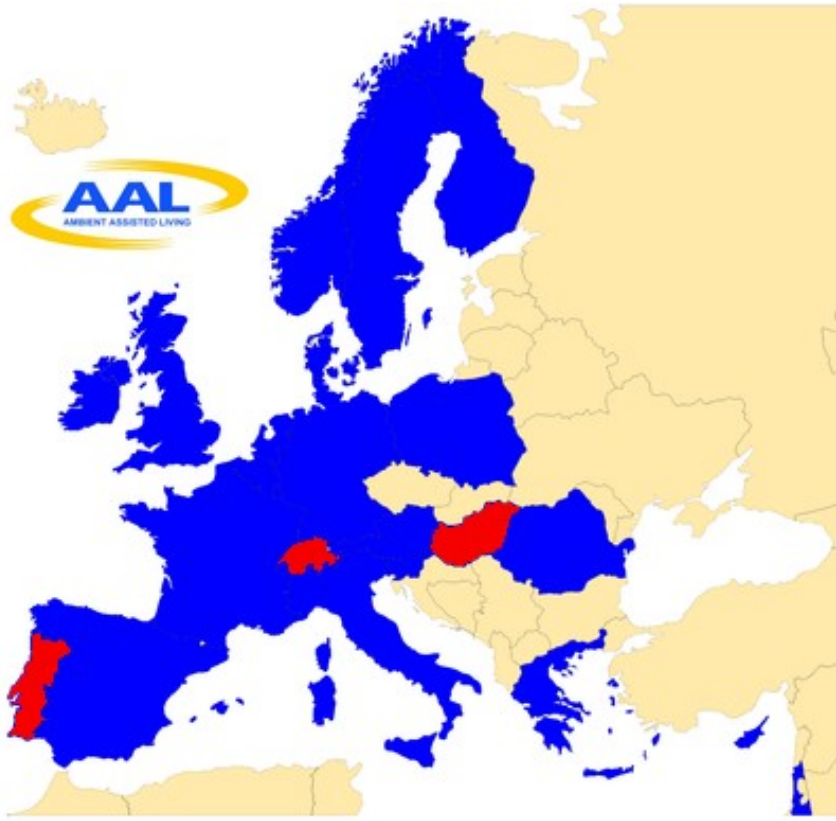
<http://www.aal-europe.eu/Published/statistics/call-aal-2009-2-statistics>



**SUPSI**



**DSAN**  
Dipartimento Sanità





The University of Applied Sciences of Southern Switzerland **SUPSI** is one of the 7 Universities of Applied Sciences in Switzerland.

Professional  
Training

Applied  
Research

almost **5,000** students and **500** researchers mainly in the **Lugano** region.

SUPSI is structured in five main departments,  
DACD – DFA – **DSAN** – DSAS – **DTI** + Scuola Dimitri + Conservatorio  
which in turn are organized in institutes.

... **ISEA** ...

which is organised in three laboratories

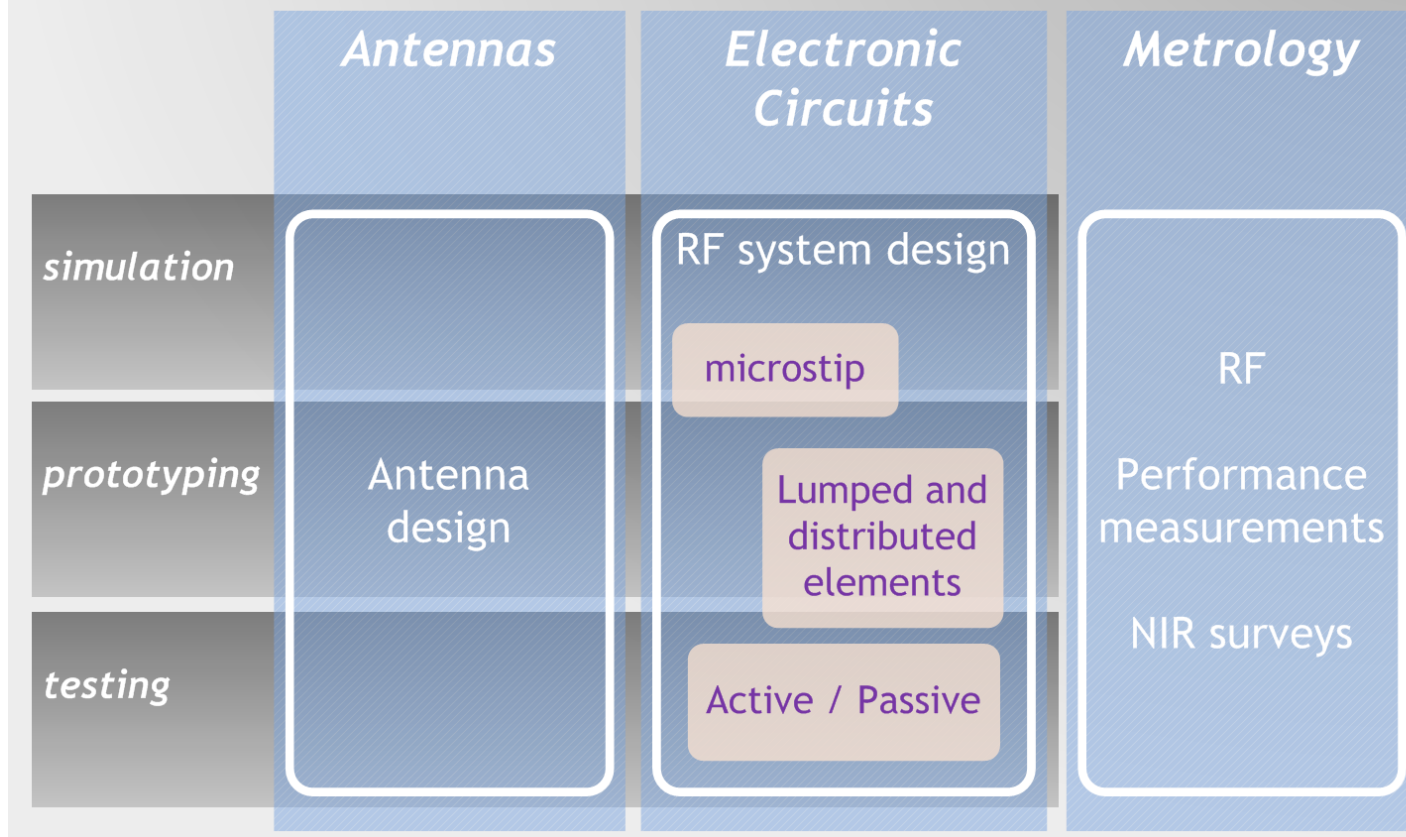
LMIT

**TTHF**

SMT



## Competence in Telecom and High Frequency Systems





## RF / Microwave System Design

*fields of application*

### RADIO AND TELECOM

- *Wireless systems and sensors*
- *Wired systems*
- *Security*
- *Radio planning*
- *Performance verification*
- *NIR metrology*
- *Radar systems*

### LOCALIZATION AND IDENTIFICATION

#### GNSS

Global Navigation Satellite System

- *GPS and Galileo systems*
- *Integration*

#### RFID

Radio Frequency Identification

- *Tag & reader design*
- *Integration*

### NON DESTRUCTIVE TEST OF MATERIALS

- *2D / 3D imaging*
- *Moisture detection/metering*
- *MW/Contactless sensors*
- *MW Computed Tomography reconstruction*
- *Radar systems*

# Parco Maraini Residence



- ▶ NEUROMOTOR & COGNITIVE SOLUTIONS
- ▶ RESIDENZA
- ▶ FISIOTERAPIA
- ▶ AMBULATORI
- ▶ HOTEL AL PARCO



# How to get “IN”

AAL Website

Read Carefully the Call

Consult with the AAL National Contact Persons >> Dr Daniel Egloff prior to submission of a proposal

<http://www.bbt.admin.ch/themen/01051/01053/01058/>

Understand the special Swiss Rules

Have a look at the statistics

How are proposals evaluated?

Get in touch with AAL organisations at EU and Local Level

**AAL partnering events (1 per call) and the partnering tool**

other useful websites :

[http://cordis.europa.eu/home\\_en.html](http://cordis.europa.eu/home_en.html)

<http://www.hyperion.ie/>

...

# The AAL Website

News  
Statistics  
Members  
Conferences  
Forums  
Presentations

<https://ssl.aal-europe.eu/>

# The Partner Tool

TTHE LAB

Welcome to the AAL Partner Search facility – AAL Partner Search - Mozilla Firefox

http://ps.aal-europe.eu/

**AAL**  
AMBIENT ASSISTED LIVING

**Ambient Assisted Living Joint Programme  
Partner search facility**

log in register

## Welcome to the AAL Partner Search facility

This AAL Partner Search Facility is a service provided by the [AAL Joint Programme](#) offering two alternatives for finding partners or being found by partners for AAL projects:

- The publication of an **activity profile** of an organisation. The profile shall describe the capabilities of the organisation to contribute to the scope of the launched call for proposals. All profiles can be browsed and searched for by any user of this tool.
- The submission of a short **project idea** in order to find additional project partners. The uploaded information should specify the rough project idea, as well as the (current and) missing expertise required to form a convincing consortium.

**Rules and conditions for this service:**

- All persons wishing to upload information [need first to register](#) to this portal. Registered persons may change or delete their information at any time. To keep the entries as actual as possible, the lifespan of the entries is limited.
- The administration of both types of entries lies solely and completely with those who submitted them.
- Entries under this web platform are not moderated nor supervised. There is no editorial support provided from the providers of this tool.

For technical questions in relation to the service (or if you lost your login data), please use the [contact form](#).

Print this

Completato

## Project Ideas Activity Profiles

<http://ps.aal-europe.eu/project-idea>

# Thanks for your attention

## Contact :

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TTHF-DTI-SUPSI

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<http://www.dti.supsi.ch/tthf>