

## VI CALL – 2.6.2. Ambient Assisted Living (AAL) for the Ageing Society

### PROJECT PROPOSAL

# OLDES - Older People's e-services at home

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## The proposers

### Massimo Busuoli - My CV

Hired in ENEA in 1993, I started, in 1997 my activity as coordinator of EU funded projects. The project coordinated are: the ESPRIT NOTSOMAD HPCN-TTN, the IST Take-up project SHOCK, the ETI project SWEETS and the cluster of take-up projects EUTIST – M (IT for medical field), EUTIST-AMI (agents and middleware applications) and ASP-BP (Application Service provision – Best Practices). In June 2004 I become dissemination responsible of the [WearIT@work](mailto:WearIT@work) IP on the VI framework programme and currently I am involved in a recently funded IP (BEINGRID - under negotiation) in the field of GRID computing. I'm currently part of the board of the Association for the Scientific and Industrial cooperation between Italy and Germany (ACIS - <http://www.acis-online.org>) and member of the board of directors of CUP2000.

### ENEA

ENEA is a State owned Research Institute (3000 Employees) that has responsibility in the areas of new technology, energy and the environment. ENEA runs a Unit named UDA PMI (Unit of Agency - Innovation in the productive system) specifically devoted to technology transfer to the industrial sectors. In the framework of technology transfer activity; ENEA UDA PMI (formerly known as ENEA DIFF) has acquired a large experience in the management of innovation projects and in the dissemination of results.

### CUP 2000

CUP 2000 is an e-Health company owned by Emilia-Romagna Region, local administrations and health care public companies; it offers itself as a facilitator between service providers and citizens by the use of Information & Communication Technology enabling Italian citizens to access healthcare and local public services; currently it is piloting an e-care network aimed at the integration of health and social care process functions.

### Municipality of Bologna

Bologna is the seventh city in Italy as far as the number of inhabitants is concerned (almost 400,000) while the metropolitan area consists of more than 900,000 inhabitants. Its local administration has a series of priority in the field of telematic applications: fast delivery of services, stronger relationship between citizens and city government, transparency in the ways PAs operate and decision making processes. In recent years the Municipality has developed a strategic plan for the delivery of innovative services to citizen.

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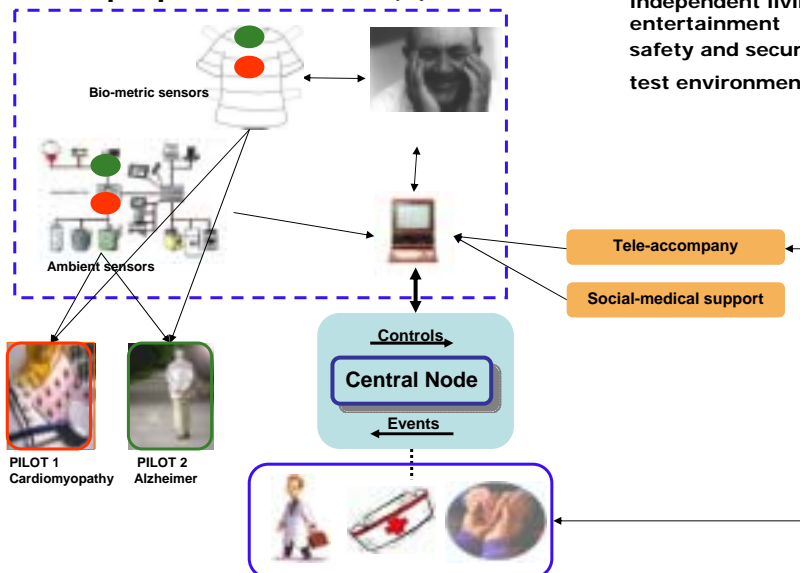
## The critical points

- ITC systems, sensors and devices helping elderly people to live independently are currently too expensive
- Due to this, prototype systems and services developed under research projects had difficulties to become marketable or largely adopted
- Public governments are giving high attention to the concept of technologies in supporting independent living but their must is “technology for all but at affordable costs”
- Products and services must be easy to use, accessible and reliable

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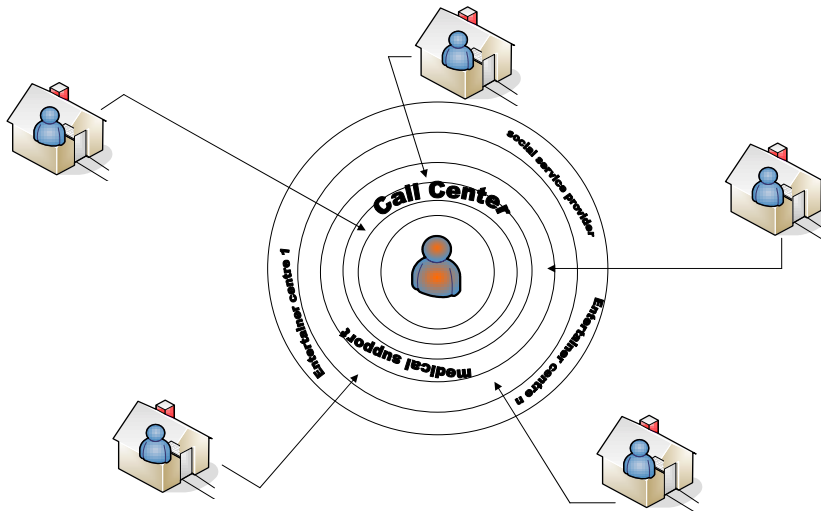
## The proposed solution (1)

**VI CALL**  
 independent living  
 entertainment  
 safety and security  
 test environments



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## The proposed solution (2)



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## Innovation and advantages

- Developing of a low cost, easy to use system allowing a frequent monitoring of elderly at home
- Provision of a friendly, robust and very low cost (€ 100-200) and innovative PC device to supply user entertainment (tele-accompany) and care facilities to a large number of elderly
- All interfaces and devices will be friendly and integration with other existing systems is guaranteed
- Maintenance and related costs are minimised dramatically as every services at home is offered in ASP modality and is integrated into a unique configurable Central Node

## Envisaged consortium

- Technological Partners (BioSensors/ICT partners, Health and care services integration partners)
- Elderly Associations
- Health and social research organisations
- Institutional partners (municipalities, provinces)
- Centres of Excellence (Universities, Laboratories, Hospitals)

**WE ARE THINKING TO A STREP BUT WE ARE OPEN TO BE INVOLVED INSIDE AN IP**

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