



Note: The information given in this document is still preliminary until partner contracts and funding allocations are finalised.

Project Information

Project Short Name	eCaalyx
Project Full Name	Enhanced Complete Ambient Assisted Experiment
Project Reference	aal-2008-1-032
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Background of the Project

Europe faces a social change, which is brought about by extraordinary demographic change: the share of elderly people to the entire population is consistently growing, while the share of the youngest, especially the working population is decreasing. Besides, ageing combined with an increasing burden of chronic, concurrent diseases threatens to make current models of healthcare unsustainable. Ambient Assisted Living (AAL), as a specific user-oriented type of Ambient Intelligence, may greatly help in this situation. AAL aims to prolong the time people live in a decent more independent way by increasing their autonomy, self-confidence, health and quality of life, by improved monitoring and care of the elderly with comorbidity.

Visions and Objectives of the Project

The main objective of eCAALYX is to develop an efficient AAL solution for the addressed chronic conditions that can provide reliable long-term and maintenance-free operation in non-technical environments, thus, ready for real-world deployment. This solution without adding technical complexity will improve the elder's quality of life by assessing their health risk, by monitoring and controlling their health status and by teaching them how to manage their chronic conditions so that their independent living at home can be extended. Additionally, it will allow comprehensive and coordinated global treatment from different doctors of patients suffering from comorbidity resulting in a much more efficient treatment. Practical deployment aspects such as remote management and auto-configuration mechanisms will also be developed such that long-term large-scale deployment is possible with reduced operating costs.

Project Partners and Funding

Full name	Short name	Country Code	Type of Organization	Final granted budget in EUR
Fundació Privada Cetemmsa	CET	ES	Technological Centre	245.341
Telefónica Investigación y Desarrollo	TID	ES	Company	284.675
Instituto de Engenharia de Sistemas e Computadores do Porto	INESCP	PO	Research Institute	169.400
University of Plymouth Enterprise Ltd	UoPEL	UK	University	279.640
University of Limerick	ULIM	IE	University	493.189
Fundació Hospital Comarcal Sant Antoni Abat	ABAT	ES	Hospital	268.015
Fraunhofer Portugal	FHP	PO	Research Institute	185.000
Corscience GmbH & Co KG	CORS	DE	SME	431.431
Ev. Krankenhaus Witten gGmbH	EVK	DE	Hospital	188.064
TeleMedic Systems Ltd	TMS	UK	SME	
			Total	2.544.756