



## ehcoBUTLER project develops an e-health platform which slows cognitive decline in the elderly

- ehcoBUTLER is a patient-centric health and social care ICT solution that will allow patients themselves, their families and caregivers to interpret and enhance patient's psychological status and lifestyle.
- ehcoBUTLER is a 3 years project with €3.6 million of budget, co-funded by European Commission with €2.9 million, to be carried out by a multinational consortium composed of 13 members.
- During the project frame, the ehcoBUTLER platform will be tested for 20 months in 5 EU28 Member States (The Netherlands, Spain, Greece, France, Italy), 1 Candidate Country (Serbia) and 1 Associated Country (Israel), with more than 1,000 patients involved.
- Expected impacts include: an increase in the Quality of Life of the elderly persons; a reduction of the EU28 healthcare systems cost and an improvement of their efficiency; a self-sustainable health and social care solution easily exploitable in EU28 MSs healthcare systems.

Europe is ageing with more than 190 million citizens aged 50+, which represent 37% of the today population. This number is expected to significantly grow during the next decades. A common characteristic of elders is the frequent occurrence of either physical or mild cognitive impairments. This situation brings new challenges in how to improve the independence and quality of life of elderly people and promote their good health in different ways.

ehcoBUTLER addresses this challenge by developing an innovative ICT technological platform with both leisure and care apps. ehcoBUTLER platform enables information sharing about elder's physical, social and mental health status with family members, close relatives, caregivers and even social care professionals, developing unobtrusive monitoring system and offering to the elders, their parents and health and social care actors a user friendly interface, able to recognize older individual's psychological status and lifestyle.

The overall objective of the project is to achieve an improvement in the health and social care of elderly people with cognitive impairments.

In fact, elder people suffering from cognitive decline often are not able to report consistently on their emotional and physical wellbeing, or keep track of their medication, treatment, appointments with the care and cure professionals and caring family, friends and neighbors. The ICT-platform aims to fill that gap.

The development and implementation of the ehcoBUTLER solution will take three years, from the 1<sup>st</sup> of January 2015 till the end of 2017. An early prototype of the ehcoBUTLER platform, expected by the end of 2015, will show the socio-economic

benefits and potential ROI of the solution in 7 countries (The Netherlands, Spain, Greece, France, Italy, Serbia and Israel). ehcoBUTLER pilots will involve citizens experiencing a slight decline in cognitive abilities, but still in relatively good health and able to perform activities of daily living independently (they live at home and they can use ICT-tools). Overall testing phase will have a duration of 20 months and it will involve more than 1,000 users, applying the tool to four different business models: Public Care Services, Elder Care Centers Services, Home Care Services and Telecare & Tele Health Services.

ehcoBUTLER expected impacts are:

- 5% increase of Quality of Life of the elderly persons delaying the advancement of cognitive diseases, promoting their wellbeing and improving their emotional state;
- A significant reduction of the healthcare system costs and an improvement of care process efficiency;
- A self-sustainable health and social care ICT solution and service model with and high scalability potential across Europe.

ehcoBUTLER will be carried out by a consortium led by the multinational consulting firm Everis. The project will be developed by a consortium of 13 partners.10 from 8 EU28 Member States: Everis, CIBER, Telefonica, INTRAS Foundation and Idea SL (Spain); National Foundation for the Elderly (the Netherlands); YourDATA and Aima Napoli Onlus Association (Italy); Mobili (Slovenia); E-Seniors Association (France); VIDAVO (Greece); 1 from a Candidate country(ASISTEL, Serbia)and 1 from an Associated country(Clalit Health Services, Israel).

**everis**

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