

# Ageing better *IN* real *LIFE*!

*Technology for supporting older adults living in community settings*

## IN LIFE PROJECT & BUSINESS OPPORTUNITIES

Societies in Europe are ageing, with the cohort of “the very old” growing at a faster pace than any other age segment of the EU’s population. According to Eurostat, the share of those aged 80 years or above will double in the next decades. As many studies show, already now the market for connected wellbeing and healthcare devices and services is rapidly growing, especially in the USA, but also in Europe, India and China.

If well designed and deployed appropriately, technology can be a precious ally in supporting the elderly, help prolong independent living and/or complement the services provided by formal and informal carers. Well-designed ICT solutions thus allow older adults to stay active and healthy, socially connected and facilitate integrated and cost-effective care.

The IN LIFE project has developed technology based assistive solutions in different areas of independence for older adults with mild cognitive impairment and different stages of dementia, an increasing market. The aim of the project was to test how innovative and existing flexible ICT solutions can assist older citizens with cognitive impairment in organising, carrying out and completing everyday tasks (such as home activities, communication, health maintenance, travel, mobility and socialisation tasks) and how ICT solutions can help them to stay safe and feel independent, values equally important for their families.

All solutions have been tested over three years on six pilot sites in Greece, Slovenia, Spain, Sweden, The Netherlands, and the UK with users with cognitive impairment living in their own homes or in sheltered homes. Precious feedback has been captured and some of the solutions are on the market, others are ready to be commercialised or to be integrated with other applications

*The IN LIFE platform provides a comprehensive and flexible way to address elderly’s needs, as it groups a wide range of ICT solutions, each of which can serve a different set of end-users and apply a distinct business model.*

Clara Faulí, Open Evidence



### HORIZON 2020

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The European Commission is not responsible for the results of the project or for any of the information provided in this information sheet.



## Be aware that....

*There is often a lack of digital and eHealth literacy among the users and carers, although this barrier is rapidly overtaken by time.*

*ICT solutions for this market segment need to be designed in a way that they can be easily understood and used by the elderly.*

*Efficient and ongoing training is needed to ensure the correct handling of the technology, so post-sales support has to be taken into account in any business plan.*

*Forget about "One jacket fits all". Solutions will need to be customised and personalised in order to satisfy the client.*

## OPPORTUNITIES

With an increasing number of older adults showing cognitive decline, the need for technology based assistive solutions is growing by the day, both in formal and informal care settings. Companies who are interested in tapping into this market are invited:

- To build on the experience gained in the IN LIFE project, to use the developed tools and services and to deploy them on large scale.
- To develop tools and services (further) and to make them available through the IN LIFE platform which can serve as central marketplace for AAL solutions.
- To develop dedicated hardware which will allow the direct integration of the project tools, vetted through 3 years of end-user testing.
- To find business and collaboration partners within and through the IN LIFE consortium.
- To use the collected information on relevant standards and best practices to ensure interoperability with other tools and systems and facilitate development for large-scale deployment.

### OVERVIEW OF PRODUCTS & SERVICES and RESPONSIBLE PARTNER

	Tool	Type of Tool	Functions	Partner
	IN LIFE Platform	On-line platform	Platform supporting and integrating all IN LIFE tools and other AAL solutions	CERTH/ITI,
I n d e p e n d e n c e	Daily Functions assistant	Android App	Supporting activities in daily living (automatized via costumisable NFC tags).	UPM
	Guardian Angel	Android App + sensors	Vital signs monitoring to detect critical situations. Alert with GPS location.	CERTH INAB
	Activity monitoring	Android App + sensors	A rule-based module to detect activity, critical situations and risks.	CERTH INAB
	Web-based exercising	Online training	An online training programme for the home environment while connected with care professional.	RRD
	SOCIABLE	ICT Platform	Cognitive training tool With multi-touch interfaces and mixed reality activities.	BYTE
	eDoorman	Tablet with security application	It tracks apartments' entries and exits, detects safety-breach situations and sends notifications	JSI
	Fall detection	Wearable wristband	Fall detection system with alarm function. It also monitors daily activities	JSI
	CIRCA	Web-based	A communication support system for people with dementia.	UoS
	CIRCUS	Web-based	An interactive leisure system that provides activity and entertainment.	UoS
		Socialisation support	Web-based (CIRCUS)	An augmentative and alternative communication module for face-to-face and remote communicating.
T a v e l	Driving ability assessment tools	Paper + Web service	A driving ability assessment tool based on a questionnaire and driving session with instructor.	CERTH HIT
	MLS Talk&Drive	Android App	Routing services that uses the user's own speech commands	MLS
	Mis rutas (Public transport support)	Android App	On route assistance and navigation	CRTM
C a r e s	Care planning & monitoring tool	Web portal and Android App	Scheduling, recording and data sharing regarding care contacts.	JSI/ Doktor24
	Teleconsultation	Web-based	Visual communication tool for patients and professionals.	RRD
	Patient monitoring	Web portal	Patient monitoring by regularly asking simple questions. Rapid visual feedback.	RRD
	Virtual training tool	Web based	Serious games for cognitive skills (re)education.	VIRTUALWARE

### General IN LIFE contacts

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For tool specific contacts and other information , please visit the website: [www.inlife-project.eu](http://www.inlife-project.eu)

