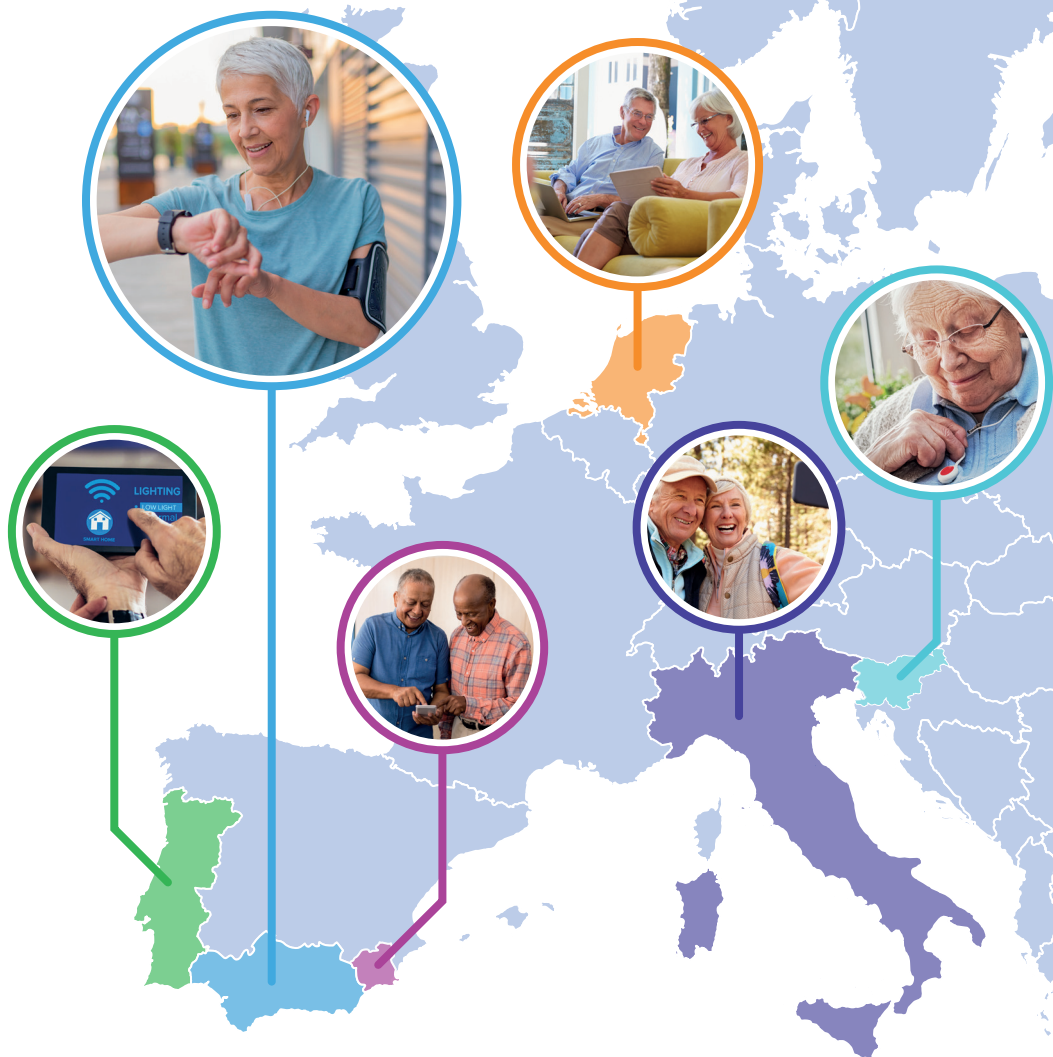


pharaon



Pilots for Healthy & Active Ageing

www.pharaon.eu



PROJECT BACKGROUND

In Europe's rapidly ageing society, there is a growing need for tools that will improve the quality of life, independence and overall health of older adults. Advanced ICT solutions that combine technologies from multiple disciplines can address this problem, but the market is fragmented and many solutions have limited scope.

The overall objective of the Pharaon project is to provide support for Europe's ageing population by integrating digital services, devices, and tools into open platforms that can be readily deployed while maintaining the dignity of older adults and enhancing their independence, safety, and capabilities. The project will utilise a range of digital tools including connected (IoT) devices, artificial intelligence, robotics, cloud and edge computing, smart wearables, big data, and intelligent analytics that will be integrated to provide personalised and optimised health care delivery.

Pharaon's integrated platforms will be validated in two stages: pre-validation and large-scale pilots (LSPs), in six different pilot sites: Murcia and Andalusia (Spain), Portugal, The Netherlands, Slovenia and Italy. A set of development tools will be created and made publicly available to simplify the customisation and integration. These tools and the results of dissemination will spread the generated knowledge to promote the development of new solutions similar to Pharaon.

PROJECT OBJECTIVES



IDENTIFY the current state of interoperability between widely used platforms and partner solutions and solutions from third parties involved.



IMPLEMENT personalised analytics that provide older adults and their caregivers with the most pertinent physical and mental health as well as wellbeing information.



DEMONSTRATE the feasibility of integrating the Pharaon platforms with existing systems related to intelligent transport and mobility, energy optimisation, and smart cities.



ENSURE user-friendly human-computer interaction modes that address various capacity limitations and provide rapid access to useable information.



VALIDATE the Pharaon platforms at an early stage providing feedback to the function and usefulness of these platforms and their integrated technologies.



INVOLVE new stakeholders and their technologies, products, or services in the different ecosystems through the launch of open calls.



PROJECT FACTS

Duration

12/2019 to 11/2023

Programme

Horizon 2020

DT-TDS01-2019

Innovation Action (IA)

Grant ID

857188

Coordinator

University of Florence

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Pharaon Project

Pharaon - Pilots for Healthy and Active Ageing



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