



SHAPES

Smart and Healthy Ageing through People Engaging in Supportive Systems

The **SHAPES Project** aims to create an open platform for healthy and independent living addressed to older persons who face reduced functionality and capabilities. The project is building, piloting, and deploying a wide range of technological, organisational, clinical, educational, and social solutions on a large-scale. The **SHAPES Digital Solutions** cover multiple areas including IoT and Big data Platforms, online communication and accessibility tools, cognitive stimulation and rehabilitation, conversational assistants and chatbots, solutions based on robotics, health and wellbeing platforms, solutions to ensure security, COVID-19 response tools as well as solutions in data analytics, such as predictive systems and wellbeing assessment tools.

ARI Robot

PAL Robotics (PAL), Spain

Pilot Sites: Spain, Italy and Greece.



ARI robot was developed by **PAL Robotics** and is being used in different pilots of the **SHAPES project**. The robot is the perfect mix of Service Robotics and AI in one single platform.

ARI is a high-performance robotic platform designed for a wide range of multimodal expressive gestures and behavior, making it the ideal social robot and suitable for Human Robot Interaction, perception, cognition, navigation, and interaction. The robot's behavior can be customized using the easy-to-use web interface provided. **ARI** can speak in many languages, recognize faces, make gestures, and show information/applications on the touchscreen on its chest for user interaction and multimedia content, as well as being fitted with a voice and facial recognition system.

PROJECT DATA

PROGRAMME: H2020-EU.3.1.4.1. – Active Ageing, Independent and Assisted Living and H2020-EU.2.1.1.3. – Future Internet: Software, Hardware, Infrastructures, Technologies and Services

TYPE OF ACTION: Innovation Action

DURATION: 48 months (1 nov 2019 – 31 oct 2023)

PROJECT BUDGET: € 20.944.318,75

CONSORTIUM: 36 partners from 14 European countries

COORDINATOR: Maynooth University



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SHAPES 2020 channel



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