

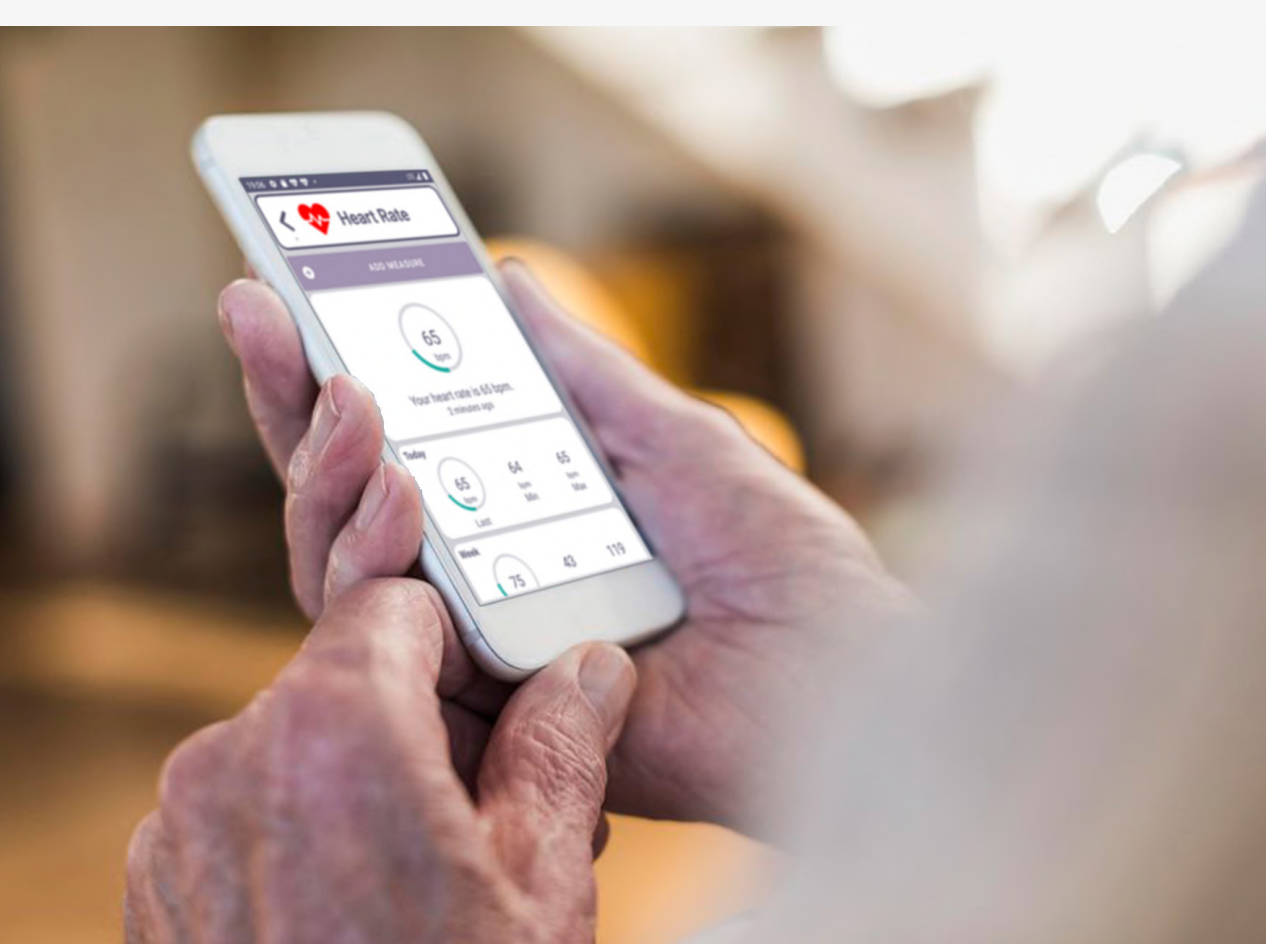


SHAPES

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. Discover some of the digital solutions being developed in the **SHAPES project**:



eCare is **EDGE's (Portugal)** personalised ambient intelligence platform that collects and integrates well-being, quality of life and environmental data, empowering individuals to create smart living environments that promote healthy lifestyles and independent living conditions.



Kompaï-3 EHPAD developed by **KOMPAÏ Robotics (France)** is equipped with walking assistance bars for physical tasks and was designed to assist people with reduced functionality and capabilities and their caregivers.

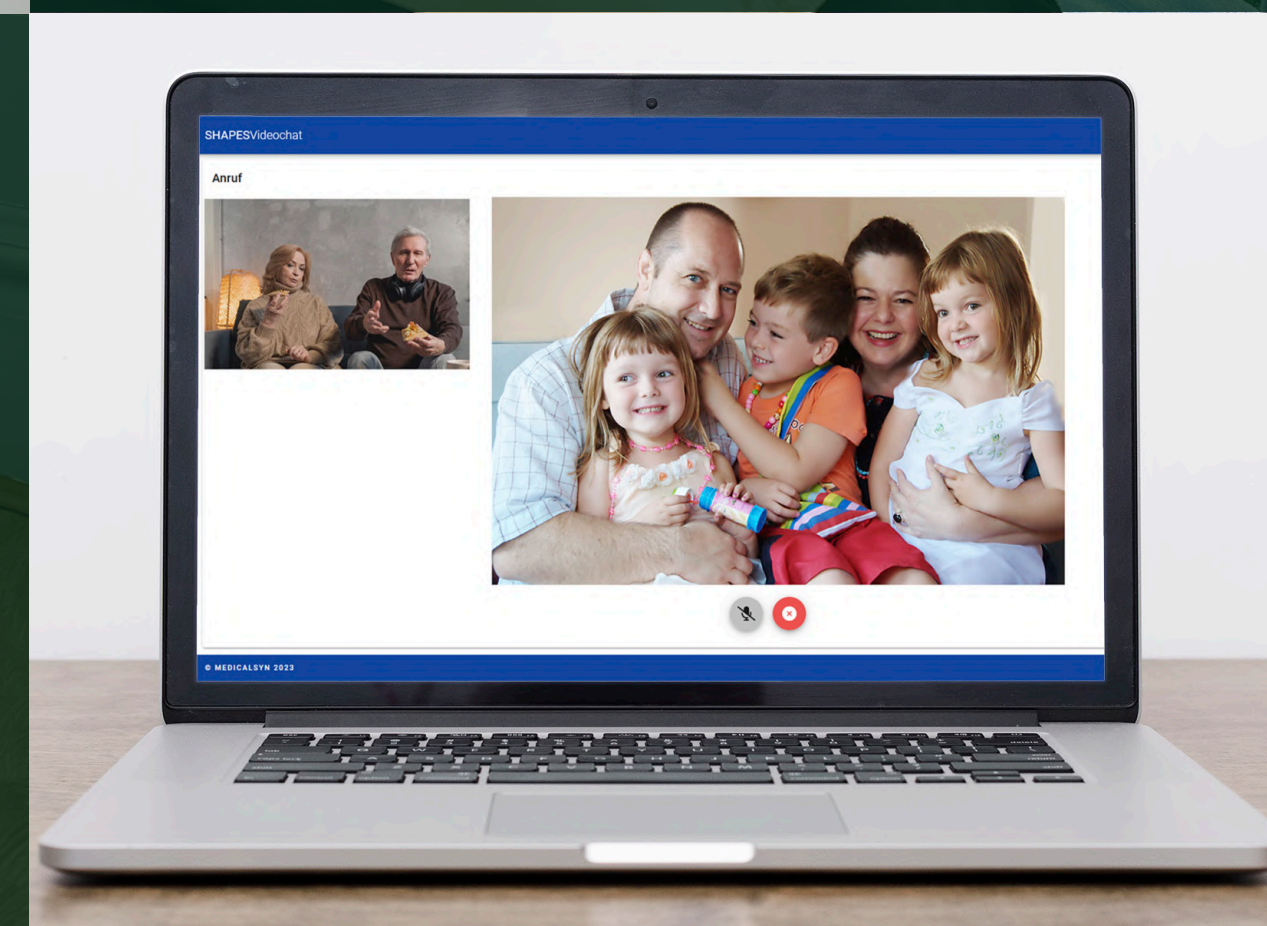
Phyx.io is a tool developed by the **University of Castilla-La Mancha (Spain)** specifically devoted to support remote rehabilitation processes. The system can run in different setups (TV-based kiosk or using a smart mirror device).



NewSum, SciFY's (Greece) app, automatically summarises information from multiple sources using Artificial Intelligence (AI) and combines them in a single text. NewSum is an open-source project and is offered for free without ads.



DanceMove is a digital solution developed by the **University of Aveiro (Portugal)** that includes a dancing surface and associated software that allows for the personalisation of dance choreographies while assessing the user's performance during the choreography.



The **video call solution** of **MedicalSyn (Germany)** works with a two-screen display for bidirectional communication. It offers a contact list from which older people can reach their relatives with one click. It will run in a responsive design for Desktop Computer, Tablet and Smartphone (Android and iOS).

ARI robot developed by **PAL Robotics (Spain)** 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.



Telemedicine System Medimonitor, developed by the **University Hospital Olomouc (Czech Republic)**, is a platform providing remote care assistance and monitoring of patients, and was specially developed for patients diagnosed with chronic heart failure and chronic obstructive pulmonary disease.



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



shapes2020.eu



@shapesh2020



@SHAPESH2020



@H2020Shapes



@shapesh2020



SHAPES 2020 channel



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857159.