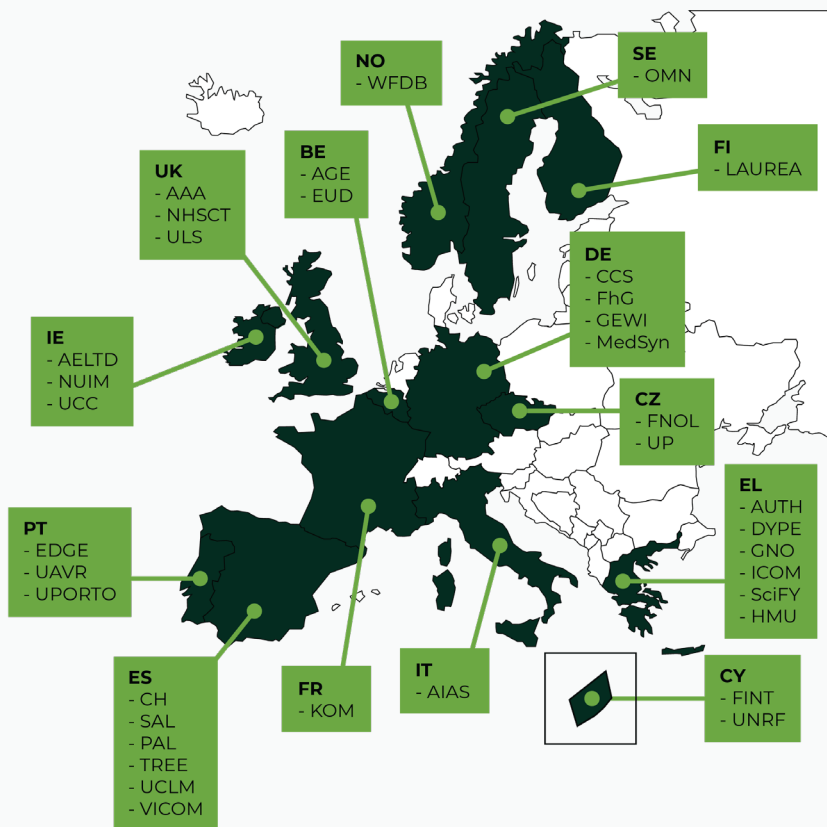# SHAPES CONSORTIUM

The **SHAPES Project** brings together leading research groups, companies and experts from across Europe. The consortium is industry driven and addresses the whole value chain required for the success of the **SHAPES Project**.

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SHAPES

At the same time that the European population is ageing, life expectancy is increasing. European Union citizens can remain productive and active far beyond the standard age of retirement. Sustaining longer and healthy lives requires solutions that prevent or minimise risks of injury, frailty and long-term chronic diseases.

SHAPES aims to create an open Ecosystem enabling the large-scale deployment of digital solutions for healthy and independent living addressed to older individuals who face reduced functionality and capabilities.

ABOUT SHAPES

The **SHAPES Innovation Action (IA)** intends to build, pilot and deploy a large-scale, EU-standardised open platform. The integration of a broad range of **technological**, **organisational**, **clinical**, **educational** and **societal solutions** seeks to facilitate long-term healthy and active ageing and the maintenance of a high-quality standard of life. Mediated by technology, in-home and local community environments interact with health and care (H&C) networks contributing to the reduction of H&C costs, hospitalisations and institutional care.

SHAPES Large-scale Piloting campaign engages more than **2000 older individuals in 15 pilot sites in 10 EU Member States**, including **6 European Innovation Partnership (EIP) on Active and Healthy Ageing (AHA) Reference Sites**, and involves hundreds of key stakeholders to bring forth solutions to improve the health, wellbeing, independence and autonomy of older individuals, while enhancing the long-term sustainability of health and care systems in Europe.

SHAPES DIGITAL SOLUTIONS

Include assistive robots, eHealth sensors and wearables, Internet of Things (IoT)-enabled devices and mobile applications.

SHAPES ECOSYSTEM

A network of relevant users and key stakeholders working together to scale-up Platform and digital solutions.

SHAPES MARKETPLACE

Seeks to connect demand and supply across H&C delivery, and to facilitate the co-creation of affordable, effective and trustworthy solutions.
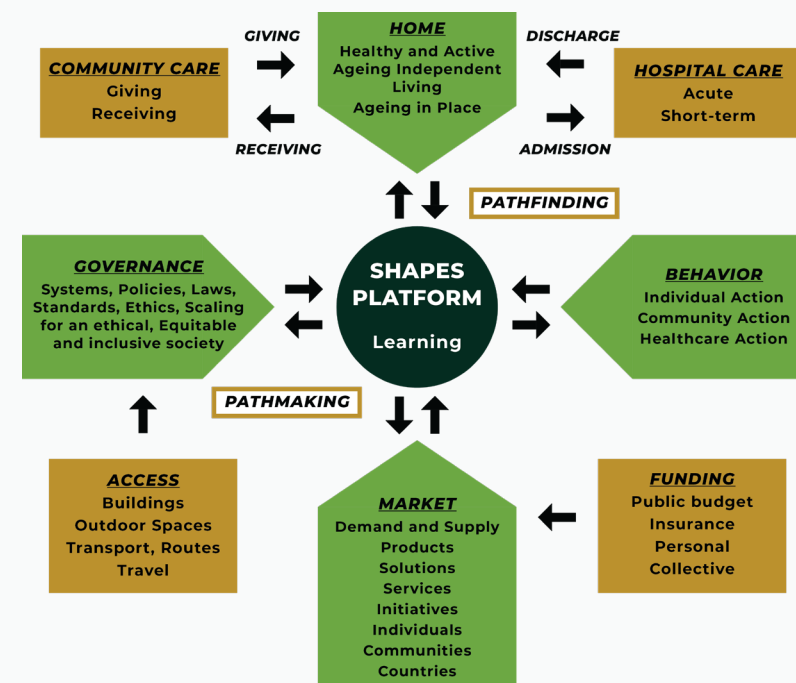
SHAPES RECOMMENDATIONS

Provide guidelines, a roadmap and an action plan, including a set of priorities dedicated to standardisation, to support key EU stakeholders to foster the large-scale deployment and adoption of digital solutions and new integrated care services in Europe.

ABOUT THE PLATFORM

The **SHAPES Integrated Care Platform** is an open platform based on four factors: **home**, **behaviour**, **market** and **governance**. Big data analytics and artificial intelligence (AI) analyse information pertaining to health, environment and lifestyle and individual needs, create user profiles and deliver personalised solutions.

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