



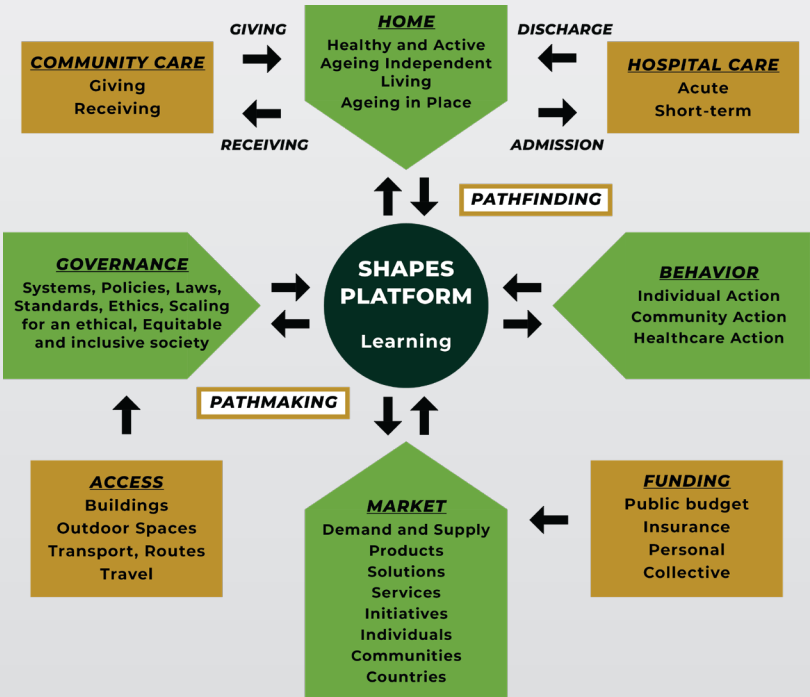
# S H A P E S

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

The project is an Innovation Action that intends to build, pilot and deploy a large-scale European Union open platform deploying a broad range of technological, organisational, clinical, educational and societal solutions.

# SHAPES INTEGRATED CARE PLATFORM

**SHAPES Integrated Care Platform** is an open platform based on four factors: home, behaviour, market and governance. Mediated by technology, in-home and local community environments interact with health and care networks contributing to the reduction of health and care costs, hospitalisations and institutional care. Big data analytics and artificial intelligence analyse information pertaining to health, environment and lifestyle and individual needs, create user profiles and deliver personalised digital technologies.

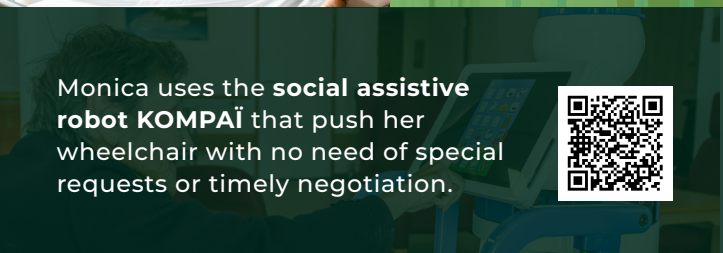


# SHAPES DIGITAL TECHNOLOGIES

**SHAPES Digital Technologies** cover a wide spectrum of 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 responses tools as well as solutions in the area of data analytics, such as predictive systems and wellbeing assessment tools.



Donna uses the **social assistive robot KOMPAI** that allow her to look at her personal and family photographs, and help her in daily tasks by reminding her of medicine intake and appointments.



Monica uses the **social assistive robot KOMPAI** that push her wheelchair with no need of special requests or timely negotiation.



Elena uses the **mobile application eCare - Personalised Care Intelligence Platform**, that enable an easy manual or automatic collection of her health and wellbeing parameters.



# SHAPES DIGITAL TECHNOLOGIES

Jutta's physiotherapist can understand and track down her periods of physical activity and rest performed at her home with the **wearable devices** and **IoT home sensors**.



Julie uses the **mobile application ROSA**, a combination of inter-communicated technologies for the clinical management of persons with heart failure.



Nikolas uses the **in-home decompensation prediction** for heart failure patients and has his medication and intervention plans optimized with the help of the chatbot's questionnaires.



Charlotte uses the **social assistive robot KOMPAÏ** that assists her during walking, through the assistance bars for physical tasks.



Roberto uses the **eHealthPass mobile application** that provides him an overview of his daily health and care activities, treatment plans, a self assessment tool with personalised questionnaires and notifications.



## 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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