



SHAPES

Smart and Healthy Ageing through People Engaging in Supportive Systems

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 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.

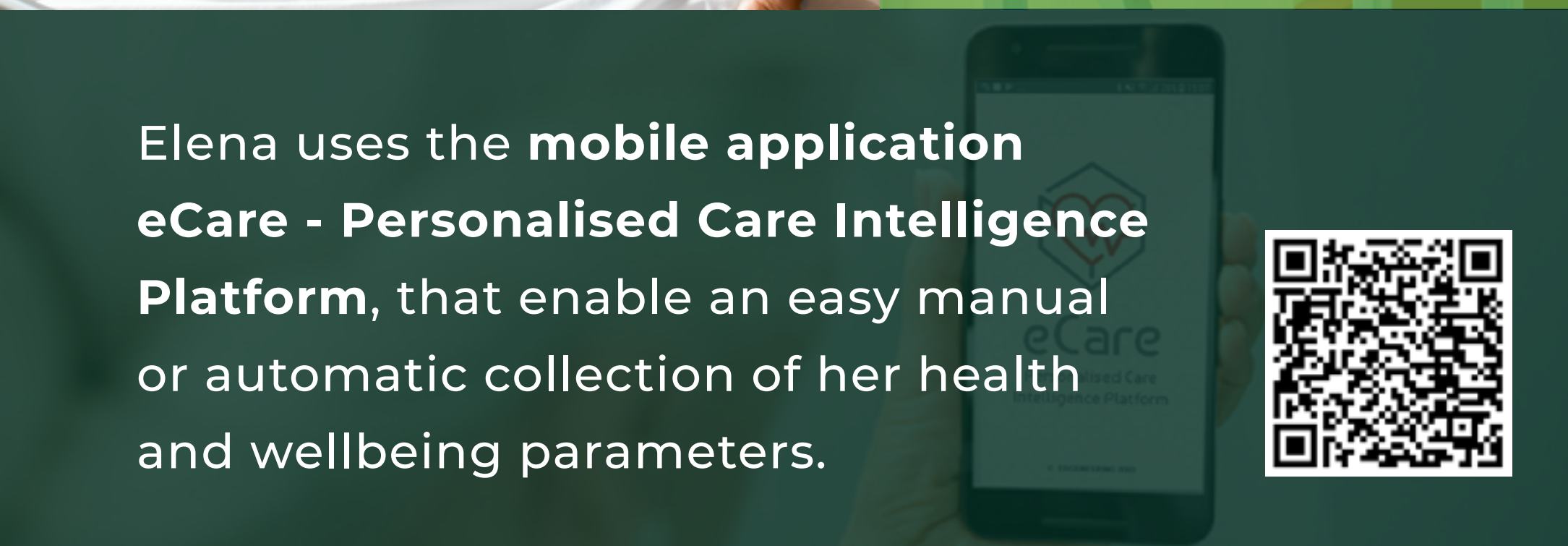
SHAPES Digital Technologies cover a wide spectrum of areas including IoT and Big data Platforms, online communication and accessibility tools, cognitive stimulation and rehabilitation, conversational assistants and chatbots, solutions based on robotics, health and wellbeing platforms, solutions to ensure 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.



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**.



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.



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



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.



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



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



@SHAPESH2020



@H2020Shapes



SHAPES 2020 channel



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 857159.