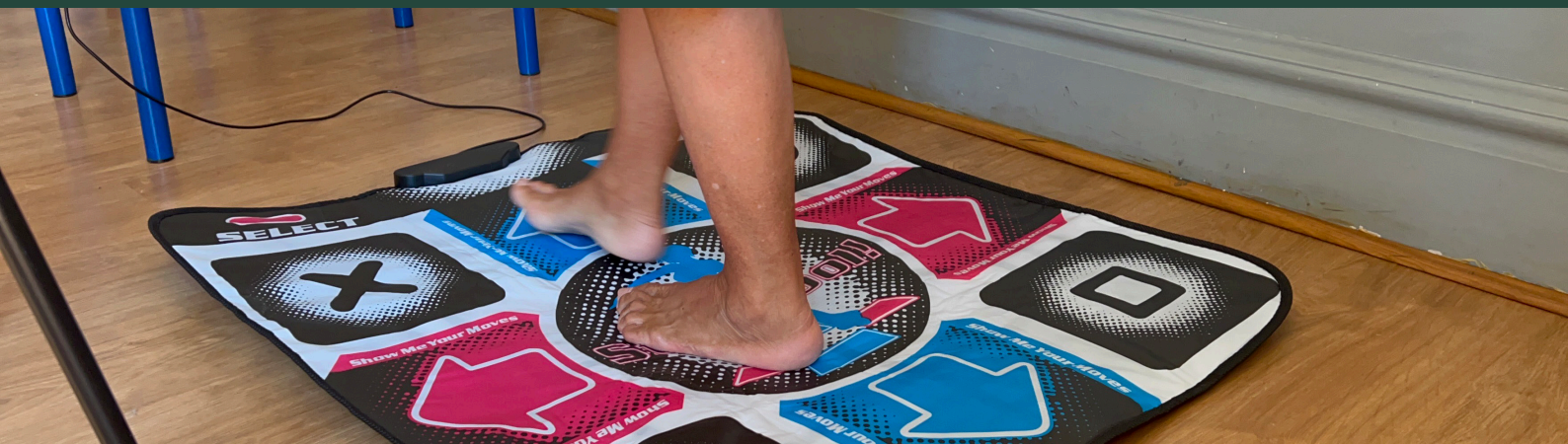# SHAPES

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.

DanceMove
University of Aveiro (UAVR), Portugal
Pilot Sites: Portugal, Czechia and Greece.

DanceMove is a digital solution developed by the **University of Aveiro** 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.

DanceMove communicates with the **SHAPES platform** via eCare, which is a bidirectional interface that allows the users' login and the registration of personal and clinical data. An interchange protocol was developed, allowing **DanceMove** to store data in the eCare digital solution and eCare to import data on users' performance from the **DanceMove** database. The communication protocol uses HTTP to exchange messages.

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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