

General Information

- **Project Title:** Responsive Engagement of the Elderly Promoting Activity and Customized Healthcare
- **Project Acronym:** REACH
- **Sponsor/Client:** This project has received funding from European Union's Horizon 2020 research and innovation programme under *grant agreement No 690425*.
- **Budget:** ca. 6 million €
- **Duration:** 2016 - 2020
- **Website:** <http://reach2020.eu/>



Abstract

REACH aims to develop a service system that will turn clinical and care environments into customizable modular sensing, prevention, and intervention systems that encourage the elderly to become healthy via activity (physical, cognitive, mobility, personalized food, etc.). Moreover, the project focusses on the development of future care environments that predict health states and personalize health care on basis of technology utilization.

Key Facts

- Increase of physical activity levels of elderly
- Combination of wearable and ambient sensors
- Data analytics and prediction
- Personalized interventions



Figure 1: Motivation through personalized mobility devices



Figure 2: Elderly testing REACH technology in home environment