

## Challenge – Health & Wellbeing

### Suara Cooperativa



We are looking for technological startups that propose disruptive solutions for the care and attention of people at home.

- Disruptive answers for communication with the people attended.
- Monitoring and follow-up of people attending at home and in their environment.
- Efficiency, rationality and innovation in journeys (optimization of routes, commercial strategies, etc.)
- Projects that promote an independent life of people at home
- Prevention and detection systems for the health status of people
- Projects that propose innovative solutions for the company, security and home support

### PRESENTATION

The demographic forecasts for the next decades tell us that the volume of elderly people in cities will grow, and in the same way the number of people with some type of dependence or chronic illness is increasing and this requires a periodic care and permanent monitoring. And this will imply a growing need for home based services to support autonomy, social security or community.

The WHO predicts by 2050 22% of the population of the planet will be more than 60 years old. In Spain, people over 65 represent 30% of the population. Therefore the forecast is that elderly people live longer and thus more caregivers is at home are needed.

If we take Barcelona as an example, we can see that growth having nearly 350,000 people with an age of over 65 years registered in the city and forecasts show that before 2030 there will be around 375,000 or up to 400,000 elderly people.

The data indicates that pensions will be lower and also that house prices will be higher (social housing is moving at a very slow rate) and if we add the price of energy, it seems we can agree that a new solution is needed to deal with the situation.

## DESCRIPTION

The improvement of healthcare and care service for elderly people raised from efficiency will have to go through the coordination, integration of services, a single file and the incorporation of the technology at home to make it sustainable.

A platform that coordinates in a single file all services that a person receives at home (teleassistance, home care, nursing, cleaning staff, meals, social care, volunteering, social services and health) attention, care and the necessary security to continue living at home and in your neighborhood.

Current technology with Internet of things (IoT), sensorization and artificial intelligence (AI) should allow the detection of risk and emergency situations (early detection of social cognitive risk and risk prevention situations), to facilitate a fast response and guarantee the permanent communication of people with the environment.

The technology can provide us with route optimization systems, an efficient call system, alarm generation, for the prevention and detection of deterioration. Offer security, company and support to the person attended and to the family at home and their usual environment.