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PROJECT SPEC SHEET (EN)

FALLSENSING | TECHNOLOGICAL SOLUTION FOR FALL RISK SCREENING AND FALLS PREVENTION

Project n°: 3464

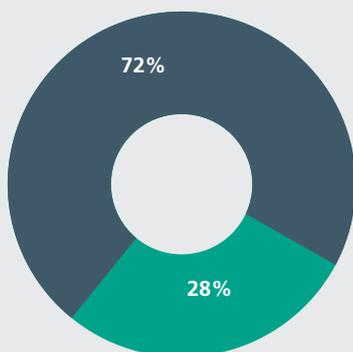
Supported by the “Sistema de Incentivos”: Investigação e Desenvolvimento Tecnológico (SI I&DT)

Partners: Sensing Future Technologies, Lda (Leader); Associação Fraunhofer Portugal Research; ESTeSC – Escola Superior de Tecnologia da Saúde de Coimbra

Total eligible cost: 1.034.508,36€

EU Funding: 748.512,08 € (ERDF)

National/regional funding: N/A



■ COPROMOTORS FUNDING
■ EU FUNDING

Project's overview

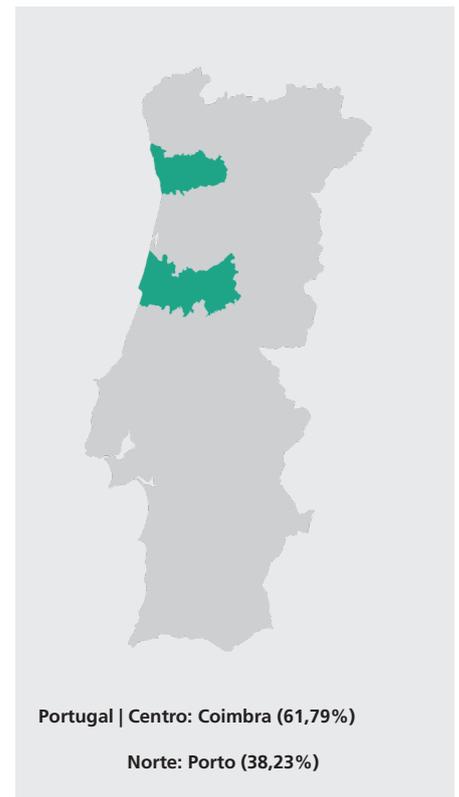
Falls are one of the most common health problems in the elderly, accounting for more than 50% of hospitalizations for injuries in this age group, and are considered a major cause of loss of independence and institutionalization.

FallSensing project aims to create technological solutions that aid fall risk screening and the implementation of a personalized exercise plans to the needs of the individual to prevent the occurrence of falls in the elderly population.

The technology will be simple, adapted to different use cases, transportable and with low associated operating costs in order to make fall prevention accessible to the entire population at risk of falling.

The implementation of a personalized fall prevention program will be adapted to clinical practice to assist physiotherapists; to the home environment, to assist the elderly during the exercise plans at home and to social centers, where exercises can be done

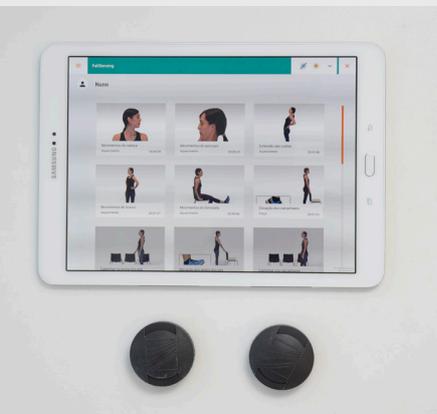
in groups and in a playful way, through their adaptation to serious games.





All data obtained during the fall risk assessment or fall prevention exercises will be stored on a clinical recording platform, where health professionals and caregivers will be able to consult the evolution of the users and create intervention plans.

Photos, videos and other dissemination materials



- FallSensing – Technological solution for fall risk screening and falls prevention (10.12.2015)

https://www.fraunhofer.pt/en/fraunhofer_portugal/news/news_archive/fallsensing-technological-solution-for-fall-risk-screening-and.html

- First results of FallSensing will be presented in Coimbra (08.02.2017)

https://www.fraunhofer.pt/en/fraunhofer_portugal/news/news_archive/First_results_of_FallSensing_will_be_presented_in_Coimbra.html