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### PROJECT SPEC SHEET (EN)

# SMART-HEALTH-4-ALL | SMART MEDICAL TECHNOLOGIES FOR BETTER HEALTH AND CARE

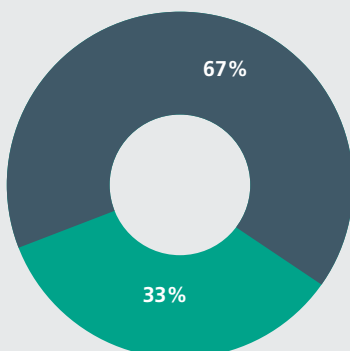
**Project n°:** 46115

**Supported by:** Investigação e Desenvolvimento Tecnológico (SI I&DT) – Programas Mobilizadores

**Partners:** SIEMENS Healthcare Unipessoal, Lda (Líder); Altran Portugal, S.A.; Sonae S.A.; CITEVE; Têxteis Penedo S.A.; Health Cluster Portugal; APINEQ; ROPAR; Universidade do Porto – FMUP, FEUP, ISPUP; INESC TEC; HLTSYS; INEGI; Instituto Superior de Engenharia do Porto – ISEP; Associação Fraunhofer Portugal Research; NeuroInova, Lda; CENTITVC; CCAB; Universidade de Aveiro; Sensing Future Technologies, Lda; Instituto Pedro Nunes; NEUTROPLAST; PLUX S.A.

**Total eligible cost:** 6.197.351,42€

**EU Funding:** 4.172.492,61€ (ERDF)



■ COPROMOTORS FUNDING  
■ EU FUNDING

### Project's Overview

The SMART-HEALTH-4-ALL project aims to boost, in Portugal, an ecosystem dedicated to research and development (including clinical and translational research), production, commercialization and dissemination of Smart Health medical technologies (including medical devices and solutions digital health), based on information, communication and electronic technologies (ICT), and on future and emerging technologies (FET).

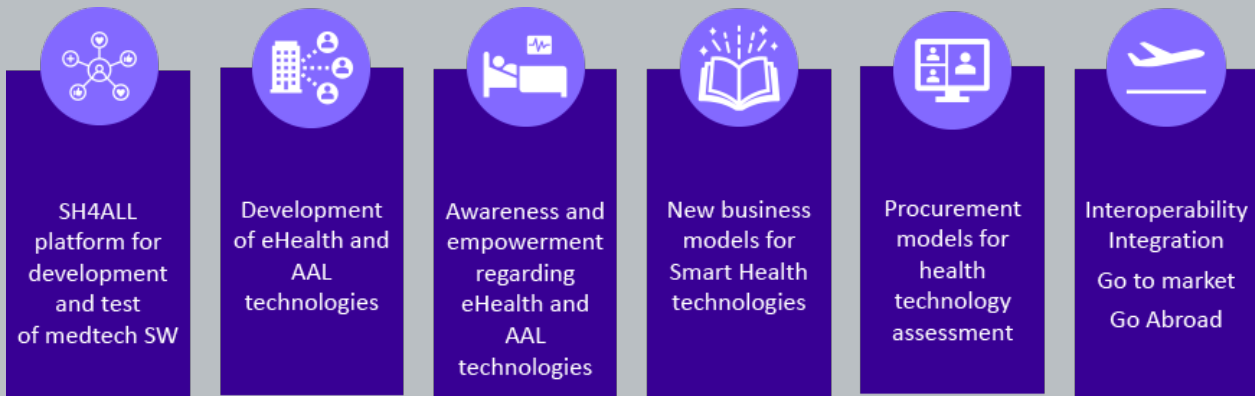
Smart Health, which encompasses various types of technologies, intelligent and/or networked, and aimed at improving the provision of health care and services, is already recognized today as one of the most valid and viable responses to the global challenge of growth expenditure on health, largely associated with population ageing and the increase in the prevalence of chronic diseases.

In this context, Smart Health solutions present, therefore, an enormous market potential, also driven by the continuous developments verified, for example, in ICT, FET and in broadband data connectivity,

as well as, at European level, by the Digital Single Market.

The SMART-HEALTH-4-ALL project crosses distinct areas of knowledge, such as medical and health sciences and engineering, as well as crossing high-tech sectors (eg, ICT, nanotechnologies) with other traditional ones (textiles, footwear, plastics and furniture), whether productive or services.





The project ranges from the production of knowledge to the widespread dissemination of the developed solutions, applicable both in the context of formal provision of health care, and in the day-to-day of a vast universe of users/patients, with a special focus on areas socially and economically impactful in the context of the global healthcare market.

From a medical/clinical point of view, the focus is on prevention, diagnosis, monitoring and treatment/rehabilitation of diseases and other medical conditions, especially of a chronic nature and/or related to ageing - including neurological,

brain-cardiovascular, cardiorespiratory, osteoarticular diseases and diabetes.

SMART-HEALTH-4-ALL is structured around: 4 PPS for research and development (R&D) of products and associated services, covering different areas of medical technologies; 1 PPS "integrator" of the other R&D PPS, dedicated either to the definition and implementation of services for "custom-made" testing and validation of eHealth and Ambient Assisted Living products/services, with cohorts of end users and in a real environment, or to other critical issues related to market access – business models, procurement

and assessment of health technologies, and user literacy; and 1 PPS for Project Management and Dissemination of Results.

## Dissemination Materials

Smart Health 4 All  
Smart medical technologies for better health and care

COMPETE 2020 Lisb@2020 PORTUGAL 2020 UNIAO EUROPEIA  
Fundo Europeu de Desenvolvimento Regional

Consortium presentation.