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PROJECT SPEC SHEET (EN)

MDEVNET | REDE NACIONAL DE TRANSFERÊNCIA DE CONHECIMENTO DE DISPOSITIVOS MÉDICOS

Project n°: 26792

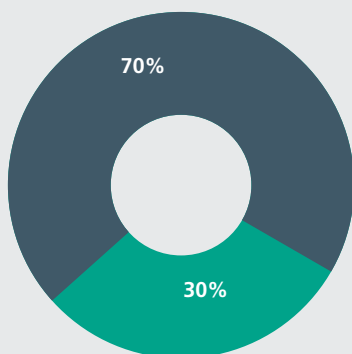
Supported by the following Incentive System: Investigação e Desenvolvimento Tecnológico (SI I&DT)

Partners:
Associação Fraunhofer Portugal Research

Total eligible cost: 856.068,54€

EU Funding: 727.658,26€ (ERDF)

National/regional funding: N/A

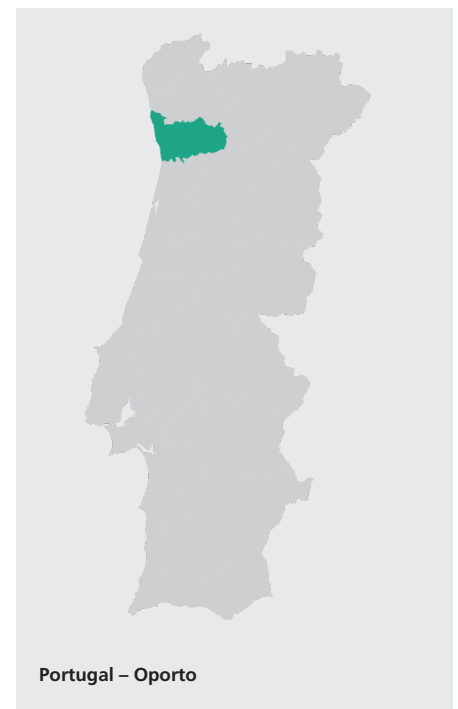


■ COPROMOTORS FUNDING
■ EU FUNDING

Project's overview

The main objective of the project is to bring value to the Knowledge developed in the area of Technology Based Medical Devices in a vast number of Research and Innovation entities, through agile and effective processes of technology transfer to the market. Taking into consideration the new European regulatory setting and the costs of the context that still exist in Portugal in this sector, it becomes necessary to address these challenges with a new technological and scientific Knowledge transfer model. This model bases itself in research results that are already obtained but are spread among several entities, whose potential is most quickly demonstrated with incremental developments oriented to the safety of the user and to the market, namely meeting the regulatory requirements demanded for the demonstration of clinical evidence. In this way, the collaborative and incremental developments will be promoted both for the conception of new solutions, and for new approaches regarding usability using

existing solutions which may, either isolated or jointly, confer greater attractiveness to the market. These innovative solutions will use technologies that are either mature or recently developed in the scope of research projects in which the partners



of this project are involved. For these incremental developments, the Promoting entity expects to organize 3 pilot project for effective Knowledge transfer that translate into introduction in the market/users of 3 medical devices. Another objective arising from this strategy is the creation of a national network of knowledge transfer of medical devices, MDevNet, in the scope of this project, which may after the end of the project continue developing activities focused more effective technology transfer processes and in collaborative developments of innovative solutions, with the participation of other national entities in this area of medical devices.

The main activities in this project relate to activities of:

(1) Interaction and knowledge transfer aimed at enhancing the value of the R&D results, such as the creation and operation of the MDevNet network, a national network of entities participating in the process of technology transfer of R&D results, which will namely involve "Technological Centres and Interfaces" in the area of technology based medical devices, and that will focus most

relevantly on the clarification of the operational and regulatory requirements of this industry. The activities in this network will comprise of workshops, knowledge sharing and collection of feedback from companies, as well as the alignment of the expectations of its members and facilitation of synergies among entities of the national scientific system and the industry. These activities will lead to the creation of a report on the main challenges and opportunities in this area, of a manual of best practices and a catalog of R&D results with high perceived value. More generally, these activities will also lead to the refinement of the R&D areas of focus in the area of health and to the promotion of the visibility of R&D results of the national scientific system and the industry in this area;

(2) Activities of technological development aimed at collective incremental improvements and strengthening the economic potential of 3 R&D results in the area of technology based medical devices, complemented by technical sessions of incorporation of the best practices identified by the MDevNet network;

(3) Sectorial activities for testing, experimenting and demonstrating in a real environment the improved R&D results, through 3 demonstration pilot projects that involve final users and health services, aimed at bringing them closer to the regulatory and operational requirements imposed on medical devices. These efforts will be complemented and reinforced with national and international promotion activities of the obtained results, with participation in international fairs in the area of health and demonstration sessions of the research paths originated from the R&D results;

(4) Activities of dissemination and diffusion to the business sector of new technologies and knowledge generated in the scope of the R&D, as well as of the results from the implementation of the new approach to technology transfer adopted by this project for the industry of technological based medical devices, through Seminars, the creation of online dissemination materials such as videos and technology sheets, and material for dissemination in events, such as brochures and rollups. The activities indicated in this project are not usually funded by R&D projects but are in fact very powerful to enhance the value of the produced knowledge and to promote the success of its transfer to the market.

Photos, videos and other dissemination materials



■ More information on

www.mdevnet.pt