

WE
CAN DO
SO MUCH
TOGETHER

TECNALIA'S offer to DT-ICT-02-2018: Robotics - Digital Innovation Hubs (DIH), Healthcare Domain

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DIH in Healthcare in the Basque Country

- The DIH has three main objectives, which respond to the “triple-win for Europe”, that is the European priorities regarding ageing:
 - Improvement of the health and quality of life of citizens with a focus on the elderly.
 - Contribution to the long-term sustainability and efficiency of the healthcare system.
 - Improvement of the competitiveness of the industry through new products and services that expand in the market.
- DIH infrastructure provided by RTOs, universities, companies, and the Basque healthcare system, regional public institutions, Basque Ministry for Health.
- Basque Country awarded **a 4-stars Reference Site** within the European Innovation Partnership on Active and Healthy Ageing (EIPonAHA).
- Aligned with Blueprint on Digital Transformation of Health and Care, the EU Silver Economy strategy and the EIT Health (the EIT KIC on Health and Ageing)
- This network of infrastructures and competences for the development of R&D projects, the scaling-up of healthcare projects, the exhibition of breakthrough technologies and also as a **resource for the training and acceleration of start-ups in the health sector.**

Network to/for SME's

- Founding member of the International Industry Association on Advanced Rehabilitation Technologies (IISART)
- Coord. COST Action Wearable Robotics; KIC EIT Health; Interreg SUDOE: ICT4Silver
- H2020: ACTIVAGE (49 partners lead by Medtronic Spain); EUROBENCH; INBOTS
- H2020 System4Robotics: support SMEs introduce robotics to their business/products

Our offer is to help coordinating and extending the Basque Healthcare DIH to Europe

Services offer as DIH of the Basque Country

- Consultancy and education on standardization, regulatory and certification issues related to rehabilitation robotics, wearable robotics and other medical robotics
- Access to ICT competences, like e.g. Blockchain Technologies for Healthcare
- Facilitate a standardized software framework suitable for obtaining certification for medical robots using TECNALIA'S work on ROS Industrial
- Hub to other robotic competence centers and DIHs in Spain and Europe

Business Development: Service offer of TECNALIA and TTO TECNALIA Ventures

- To accelerate the incubation of robotic business opportunities
- Access to experts with entrepreneurial profile / business vision
- Transform a technological spin-off into a growing SME is attractive to them.
- Access to smart investors

Services such as: acceleration programs, entrepreneurs' club, technology transfer training programs, support for business diversification, set up of proof-of-concept funds, etc.

End User Access: Basque DIH Hospital Network and care model test site in Pasaia

- Experimentation, piloting and clinical trials.
- Socialization and diffusion of new products and services
- Training of health professionals ,caregivers and social and socio-health services
- Incubation and promotion of entrepreneurial initiatives
- Communication and transfer of knowledge



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