



VANGUARD INITIATIVE

New growth through smart specialization

Smart Health Pilot

For a European Personalised Medicine value-chain

INTRODUCTION TO THE PILOT

The Smart Health pilot project bears the ambition to transform the connected European value chains on Personalised Medicine and Smart Health by combining biomedical, technological and data-driven expertise. In bringing regional ecosystems in Smart Health and Personalised Medicine together a higher added value can be reached to boost the implementation of Personalised Medicine at the European regional level and propose a smart and innovative approach for health and care in Europe. The Smart Health Pilot currently gathers 14 European regions.

ACTIVITIES



Animating a learning- and co-creation community of quadruple helix stakeholders in the area of smart health and Personalised Medicine who exchanges knowledge on a regular basis by organising tailor-made workshops and connecting the different regional stakeholders in events or digital seminars.



Scouting and identification of EU funding programmes' opportunities, supporting the creation of complementary consortia, and provision of guidance during the project proposal preparation.



Supporting the creation and development of interregional demonstration projects addressing the development gaps and needs of Personalised Medicine in Europe by activating relevant resources in the ecosystems. This includes a set of activities aimed at timely generating, developing, and implementing demo cases.



Building the pilot visibility and communicating with impact about its activities and their impact to grow the number of participating regions.

DEMO CASES

We Are – The Personal Digital Safe: The demo case proposes a personal data management platform project that brings together three regions and their health ecosystem to provide a personal digital safe and control over it to each individual citizen. The collection of this data organised in a citizen-centric governance model and applications thereon for health management provides currently non-existing possibilities for innovation and an ethically correct marketplace for personalised products and services.



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TopFit / Interdisciplinary Consortium for clinical Movement Sciences & technology : The demo-case aims to focus on improving the quality of life and maintaining independence and social participation of people suffering from movement disorders. This goal will be achieved through joint and interdisciplinary scientific research focused on innovation whereby a close cooperation exists between scientists, private health funding organizations and innovative companies.



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Trace-Med - New radiotracers synthesis and characterization for Personalised Medicine: The demo case focuses on the development of an inter-regional research platform for the synthesis and characterisation of new radiotracers, supported by interdisciplinary research, in order to advance the development of a personalised theragnostics approach in cancer treatment.



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Mobile Health (R)evolution – Mobile health evolution chronic diseases control: The demo case aims to generate value to users and society by offering chronic disease patients continuous and personalised health professionals' support through mobile health applications for a better self-management of chronic diseases. The project addresses social challenges (communication, inclusion of patients in the healthcare process, patient motivation) and biomedical aspects (pharmaceutical care). The empowerment of patients will be achieved with knowledge and motivation as well as ICT tools to take over disease management and ultimately improve quality of life.



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RegMed XB– Regenerative Medicine Crossing Borders: The demo case has the objective to bring regenerative medicine solutions to patients and to create a new industrial sector in the Smart Health Pilot's participating regions. It focuses on the development of four patient-defined "moonshots": Kidney, Heart, Osteoarthritis and Diabetes.



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CONTACT DETAILS

Co-leading regions: Flanders (BE), East Netherlands and South Netherlands (NL)

Daily network managers:

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