Gatekeeper. Smart Living Homes

Consorcio: MEDTRONIC IBERICA SA (ES); ENGINEERING - INGEGNERIA INFORMATICA SPA (IT); SAMSUNG ELECTRONICS (UK) LIMITED (UK) ; HEWLETT PACKARD ITALIANA SRL (IT); UNIVERSIDAD POLITECNICA DE MADRID(ES); ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS(EL); STMICROELECTRONICS GRENOBLE 2 SAS (FR); MYSPHERA SL (ES); GEIE ERCIM (FR); HL7 INTERNATIONAL FONDATION (BE); ECHALLIANCE COMPANY LIMITED BY GUARANTEE(IE); UDG ALLIANCE (CH); MANDAT INTERNATIONAL ALIAS FONDATION POUR LA COOPERATION INTERNATIONALE (CH); UNIVERSITEIT UTRECHT (NL); CONSORCIO CENTRO DE INVESTIGACION BIOMEDICA EN RED M.P.(ES); PANEPISTIMIO IOANNINON (Greece); FUNDACION TECNALIA RESEARCH & INNOVATION (ES); THE UNIVERSITY OF WARWICK (UK); FONDAZIONE POLITECNICO DI MILANO (IT); MULTIMED ENGINEERS SRL (IT); Medisanté (CH); OPEN EVIDENCE (ES); FUNKA NU AB (SE); REGIONE PUGLIA (IT); SERVICIO ARAGONES DE LA SALUD (ES); Servicio Vasco de Salud Osakidetza (ES); SENSE4CARE SL (ES); TECHNISCHE UNIVERSITAET DRESDEN (DE); Carus Consilium Sachsen GmbH (DE); THE OPEN UNIVERSITY (UK); HAROKOPIO UNIVERSITY (EL); ANAPTYXIAKI DIADIMOTIKI ETERIA PSIFIAKES POLIS KENTRIKIS ELLADAS AE OTA; (INTERMUNICIPAL DEVELOPMENT COMPANY DIGITAL CITIES OF CENTRAL GREECE SA) (EL); PANEPISTIMIO PATRON (EL); STEGI EVGIRIAS ARCHAGGELOS MICHAEL KAIMAKLIOY (CY); The Cyprus Association of Cancer Patients and Friends 1986 (CY); IBERMATICA SA (ES); Asoc CENTRO DE EXCELENCIA INTERNACIONAL INVESTIGACION SOBRE CRONICIDAD (ES); EIP ON AHA REFERENCE SITES COLLABORATIVE NETWORK (BE); Biobeat Technologies Ltd. (IL); FONDAZIONE CASA SOLLIEVO DELLA SOFFERENZA (IT); BIOASSIST SA (EL); UNIVERSYTET MEDYCZNY W LODZI. (PL); ORTHOKEY ITALIA SRL (IT)

Tecnología: Administración Digital & Salud; Inteligencia Artificial

Descripción general:

The main objective of the Project is to create a GATEKEEPER, that connects healthcare providers, businesses, entrepreneurs, elderly citizens and the communities they live in, in order to originate an open, trust-based arena for matching ideas, technologies, user needs and processes, aimed at ensuring healthier independent lives for the ageing populations. By 2022, GATEKEEPER will be embodied in an open source, European, standard-based, interoperable and secure framework available to all developers, for creating combined digital solutions for personalised early detection and interventions that (i) harness the next generation of healthcare and wellness innovations; (ii) cover the whole care continuum for elderly citizens, including primary, secondary and tertiary prevention, chronic diseases and co-morbidities; (iii) straightforwardly fit “by design” with European regulations, on data protection, consumer protection and patient protection (iv) are subjected to trustable certification processes; (iv) support value generation through the deployment of advanced business models based on the VBHC paradigm.

GATEKEEPER will demonstrate its value by scaling up, during a 42-months work plan, towards the deployment of solutions that will involve ca 40.000 elderly citizens, supply and demand side (authorities, institutions, companies, associations, academies) in 8 regional communities, from 7 EU member states.

Programa: 2020-SC1-FA-DTS-2018-2020 (857223)

Duración: 42 meses (2019 – 2022)

Presupuesto global proyecto: 19.598.327,25 €

Presupuesto Grupo Ayesa: 169.250,00 €

Este proyecto ha sido objeto de ayuda con cargo al programa H2020-SC1-FA-DTS-2018-2020 (Trusted digital solutions and Cybersecurity in Health and Care)

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Rol de Ayesa:

Ibermática is an ICT provider and will support the Basque Country pilot, by providing IT services, supporting infrastructure services and information system integration.

It will contribute mainly to the data management, advanced analytics, and integration of intelligent functionalities within the overall solution.

It supports the definition and structuring of data requirements, ensuring that demand, flexibility, and network-related data are properly processed, standardized, and made available for downstream tools. In this context, Ibermática brings expertise in handling large-scale, heterogeneous datasets and in enabling their use in complex analytical environments.

From a technical perspective, Ibermática contributes to the development of data-driven models and analytics capabilities, supporting the processing, interpretation, and exploitation of demand and flexibility information. This includes participation in the application of advanced AI and data analytics techniques to enhance scenario analysis and improve decision-making processes.

In addition, Ibermática collaborates in the integration of the different technological components, helping ensure interoperability between tools for demand forecasting, optimization, and simulation.

Its role is key in enabling a coherent data flow across the solution and in facilitating the interaction between modules developed by different partners.

Finally, Ibermática supports validation activities, contributing to the assessment of the developed tools in realistic scenarios and to the refinement of the solution based on results. Overall, it acts as an enabler of data-driven intelligence within the project, helping ensure that the final solution is robust, scalable, and applicable to real-world energy system challenges.