

UK-based university with an existing consortium seeks partners for Horizon 2020 proposal in the areas around smart and healthy living at home/personalised medicine

A UK-based consortium is looking to develop a system to enable the elderly to live more independently. The innovation core to the proposal is an AI assisted personalised interface for mobile devices using learning systems, update and or change installed apps to optimise the coaching of individuals. The consortium is looking for partners, industrial and academic, who have been involved in projects around the theme of healthy living at home, to strengthen a core consortium for a proposal to H2020.

The increasing elderly populations in most countries presents a seeming contradiction between the individuals wanting to live independently and their needing personalised care due to age-related illnesses and co-morbidities that are very individual. Use of ICT has the potential to provide solutions that enable the elderly to live more independently and still manage their health and mental well-being. A UK-based consortium made of academic institutions, regional/municipal healthcare providers and industrial partners are seeking additional partners to enhance the core consortium. In particular partners who are part of existing projects in this area and are looking to take the outcomes of these projects further as part of a larger proposal. The consortium will bring 4 pilot sites across Europe, an SME partner (Data Centre) who are experts in data storage, authentication and compliance procedures, a large organisation partner in healthcare technology, and research expertise in Machine Learning and Big Data Analytics. The existing consortium needs additional consortium partners who want to take their current project to the next level, and preferably be willing to coordinate the consortium. The proposed innovation at the core of the project is an AI assisted personalised interface (dashboard) for mobile devices, which would considerably ease both the selection and installation of appropriate supporting apps/systems and, using learning systems, update and or change installed apps to optimise the coaching of individuals. This will support them in maximising life opportunities, in turn contributing towards extending the period in which individuals remain living in their own homes. The main USP will be that this dashboard system will be able to learn the user preferences, target-goals, permissive boundaries etc, and adapt its behaviour. For the SC1-BHC-25-2019 call, the existing consortium could bring a USA University partner who has strong links with major international healthcare technology companies. The project proposal will be submitted to Horizon 2020 under the DT-TDS-01-2019 Smart and healthy living at home call topic and / or the SC1-BHC-25-2019 Demonstration pilots for implementation of personalised medicine in healthcare call topic. Deadlines for Expressions of Interest is 15th August 2018. Deadline for the DT-TDS-01-2019 call is 14th November 2018. Deadline for the SC1-BHC-25-2019 call is 2nd October 2018 (1st stage)

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