

Partnering Opportunity

Profile status : Published

Research Development Request

SC1-BHC-06-2020: Dispersed health structures project looking for various partners

Summary

A team of a Greek and a Cypriot companies, experts in consultancy and business development aims to submit a proposal under the SC1-BHC-06-2020 topic. The team aims to propose a dispersed health structure proposal aiming the indigenous population and refugees/immigrants. Various partners, including a coordinator are sought for research collaboration.

Creation Date	09 April 2020
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Expiration Date	01 June 2020
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Details

Description

A Greek-Cypriot team of companies and experts in consultancy and business development aims to submit a proposal under the SC1-BHC-06-2020 topic. The team aims to propose a dispersed health structure proposal aiming the indigenous population and refugees/immigrants. The project will deal with the design and implementation of a floating and/or mobile health unit converted for medical use with dual-purpose mission. First, to offer prime health medical services to local communities. Second, to establish a pathology & anatomy laboratory of reference on board, using AI, big data, Atlas data and Cloud technologies.

The consortium will set-up a network of floating and mobile health structures. These will be digital hubs, centers of

reference for personalized medicine. The advantage of deploying vehicles or vessels as points of care, primary health units or diagnostic laboratories, is the coverage of large geographical areas, under a well-accelerated business model. This allows selecting important specimens and biopsies from all these areas, being much diversified.

The flagship of the innovation will be a web multi-platform structure, the creation of a first time ever interoperability digital tool supporting the dispersed health structures. This platform will focus on preventive and diagnostic tests, a repository of data of particular areas of epidemics, viruses and cancers. New raw data will address namely North African, sub-Sahara and Asian immigrants that arrive in European borders.

Healthcare practitioners, bioinformaticiens and research scientists require accurate and state of the art tools in order to administer personalized medical health care. The major scope is to integrate and transfer such cutting edge technologies through a web multiplatform, creating dispersed digital hubs, leading to a more accurate diagnostics, structured, systemic and prioritized assessment in digital diagnostics by developing digital tools. Also, supporting clinical decisions, integrating various diagnostic data and analyzing large data sets on a floating or mobile unit. This will be a center of reference for personalized medicine in different geographical areas, worldwide.

The diagnostic and innovative methods implemented on the floating and/or mobile health units will initiate a new area of R/D developing data basis to be utilized by clinical doctors throughout Europe either for research or for curing patients. The health care system of Europe will benefit from the results of the research especially those conducted to persons from non-EU countries where a number of viruses have developed. The project will create a new method of reaching out to patients and the illegal immigrant populations that number now several millions in the EU with specific patient profiles. The EU's role in research, diagnostics and developing medical devices and / or cures will be highly reinforced.

Research collaboration is sought for various types of partners, including a project coordinator.

Deadline for the call: 4 June 2020

Deadline for expressions of interest in this profile: 1 June 2020

Stage of development

Proposal under development

Keywords

Technology

02009001	Design of Vehicles
06001001	Biostatistics, Epidemiology
06001005	Diagnostics, Diagnosis
06001008	Environmental Medicine, Social Medicine, Sports Medicine
06005003	Health information management

Market

09003007	Other services (not elsewhere classified)
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Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

Zebrowski Pawel

Phone number

+48 91 449 43 64

Email

pzebrowski@zut.edu.pl

Open for EOI: **Yes**

Client

Type and Size of Organisation Behind the Profile

Industry SME <= 10

Year Established

2012

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
Greek

Client Country

Greece

Partner Sought

Type and Role of Partner Sought

Various partners are sought for research collaboration under the topic: SC1-BHC-06-2020. The partners sought are:

1. Project Coordinator: Expert in health diagnosis and capable to coordinate the project and help the consortium to exploit the results. The partner should be able to deal with the assessment and controlling all the work tasks of each partner.
3. IT Expert with knowledge in AI, Big Data development, Data Base & Cloud Multi-Platform developer, IoT digital transformation ICT for medical applications. This partner will create a web multi-platform structure, an interoperability digital tool supporting the dispersed health structures. The platform will focus on preventive and diagnostic tests (mainly on foundation one – ngs platforms, to get more than 300 genes at the same time) with a repository of data of particular areas of epidemics, viruses and cancers. New raw data will address namely North African, Sub-Sahara African and Asian immigrants that arrive in European borders.
4. Governmental Agency / Health Public Authority / NGO / Practitioner of National Health Care System for issuing of certifications and governmental permissions. This partner should be able to deal with the different epidemics and health-care system requirements.
5. Pathology or anatomy laboratory of reference for using on board the findings of the data (AI, Big Data, Atlas data and Cloud technologies) collected.
6. Transport company or truck manufacturer to provide one or more trucks to be converted into mobile health units. The partner will follow the instructions of the health experts to modify a commercial truck into a mobile health care unit.
7. Pharmaceutical company or medical instrument company for sponsorship.
8. A medical clinics management and logistics expert company from the prime medical care field to draft the set-up of the medical units on board and oversee implementation. This partner will take care of the needs and managing them through the project to meet effectively the scope of the project.

Type and Size of Partner Sought

SME 11-50, University, R&D Institution, SME <10, 251-500, SME 51-250

Type of Partnership Considered

Research cooperation agreement

Program - Call

Framework Program

Health, demographic change and wellbeing

Call title and identifier

Digital diagnostics – developing tools for supporting clinical decisions by integrating various diagnostic data
ID: SC1-BHC-06-2020

Anticipated Project Budget

10 ME

Coordinator required

Yes

Deadline for EOI

01 Jun 2020

Deadline of the Call

04 Jun 2020

Attachments
