Partner Search Form
Horizon Europe
Health

HNN 2.0
HEALTH-NCP-NET

Date 2022-11-25   Deadline Multiple deadlines

CONTACT

Organisation	UniWeb BV	**Department**	
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City	Meise	**Website**	https://www.uniweb.eu/
Country	Belgium		

Organisation type

Research organisation type	☐ Research Organisation ☐ University ■ Company ☐ Other	Is your company a Small and Medium Sized Enterprise (SME*)? **Number of employees:**	■ YES ☐ NO 25

Your enterprise is an SME if:
- it is engaged in **economic activity**
- it has **less than 250 employees**
- it has either an **annual turnover not exceeding €50M**, **or an balance sheet total not exceeding €43M**
- it is **autonomous**

For the definition of SMEs, look at: http://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition_en

Short introduction of key areas of institute's research:

UniWeb has been working for more than 20 years in the field of innovative digital solutions for Healthcare and Life Sciences. Throughout these years we have developed multiple health applications and surrounding ecosystems, **software** and **hardware** included. Our approach meets the needs of highly regulated industries such as Healthcare, Biotechnology, Pharmaceutics and Clinical Research.

As a co innovation partner we can manage the **whole development lifecycle** from analysis, design, implementation, validation through deployment following Health Software Development Standards **(IEC 62304)** and Clinical Research best practices **(GAMP 5)**. Including risk management for medical devices **(ISO 14971)**. After deployment, we host, monitor and maintain the applications in a healthcare compliant environment. We also provide a service desk and solid SLAs.

Our experienced development team has a strong focus on **usability, security, data integrity, interoperability and compliance** required by highly regulated sectors dealing with sensitive data. UniWeb has vast experience with **clinical trials, patient data privacy, and encryption of electronic health records (EHR).**

UniWeb customers include the pharma industry, hospitals, authorities, and governmental organisations. UniWeb's certified Quality & Security management system is designed to comply with Healthcare and Pharma requirements and is certified for both quality management **(ISO 9001:2015)** and information security management **(ISO 27001:2013)**. UniWeb successfully passed audits from certification bodies, regulators and its pharmaceutical customers.

UniWeb is a Belgian SME founded in 2000 being 100% privately held company with the 1.7 million EUR turnover and a team of 20 experts.

Former participation in an FP European project?	■ YES ☐ NO
Project title / Acronym:	
Activities performed:	**FORTO** UniWeb developed a new medical device allowing to (self)test the level of muscle fatigability as a **digital biomarker for intrinsic capacity and resilience**. The proof of concept has been validated in 3 clinical trials and it resulted in a second grant project FORTO 2.0

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FORTO 2.0
(https://forto-aal.eu/)
UniWeb developed an **integrated platform,** composed of hardware, software, and data analytics, to monitor intrinsic capacity and its changes in daily life in collaboration with the research partners Belgium, the Netherlands amd Portugal.
The project also resulted in a patented medical device. (www.eforto.eu)

CoroPrevention
(https://www.coroprevention.eu/)
UniWeb developed a Toolsuite for the CoroPrevention **personalized secondary prevention** program (PPP) designed by the Universities of Hasselt and Oulu.
The PPP will be validated in a randomized clinical trial with very high-risk coronary artery disease patients in 5 European countries. (Poland, Germany, Finland, Greece, Portugal)
The toolsuite consist of a **mobile app** for the patients and a **decision-making dashboard** for the caregivers to coach the patient in different domains:
• Parameter monitoring
• Medication prescription and adherence
• Physical activity prescription and tracking
• Healthy Nutrition
• Smoking cessation
• Stress management
Some components of the Toolsuite are an EU-MDR class 2a medical device.

Also UniWeb's **EDC** and **ePRO** Systems were integrated for automated data capture during the CoroPrevention Trial with more than 10000 patients in 5 different EU countries.

ISHA
(https://isha-aal.eu/)
UniWeb is a coordinator of this project, taking the responsibility of the technical development of the **healthy ageing ecosystem** for **Patient monitoring**. In this project, UniWeb collaborates with WHO to fill an existing gap in frailty prevention in healthy ageing trough **digital biomarker tracking**, making prevention accessible and affordable via tele monitoring.

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Expertise / Commitment offered

Description of your expertise:	**Clinical trials and data management**
	● Clinical Data Management solutions
	● Integrated Electronic Data Capture (EDC)
	● Patient Reported Outcome (ePRO)
	● Registries
	Medical Device development
	● Medical device to quantify and monitor digital biomarkers for fatigue, physical reserves, resilience, intrinsic capacity, frailty, vitality and energy.
	Health Apps development
	● Innovative mobile health apps for patient monitoring
	● Medication reminder and adherence tracking
	● Physical activity prescription and tracking
	● Diagnostic and therapeutic apps with CE mark and MDR compliance
	Digital Health Platforms development
	● Remote patient monitoring
	● Shared decision making dashboards
	● Evidence based algorithms and Machine learning development

Keywords specifying your expertise:	Software development,mobile app, Patient monitoring, digital biomarkers, digital health, healthy ageing, telemedicine, clinical trials, data analysis, data management, algorithms, machine learning, healthy ageing, fatigue, physical reserves, resilience, intrinsic capacity, vitality, frailty, MDR, CE mark, medication, prescription, adherence.

Commitment offered:

■ Research   ■ Demonstration   ☐ Training

■ Technology   ☐ Dissemination   ☐ Other:

Interested in participation in project types:

■ Research & Innovation Action	■ Innovation Action	■ EIC Pathfinder

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Work Programme research areas: indicate your interest

Pillar II cluster Health and pillar III EIC, EIT (health)

Call topic(s):

HORIZON-HLTH-2023-STAYHLTH-1.01
HORIZON-HLTH-2023-STAYHLTH-1.02
HORIZON-HLTH-2023-STAYHLTH- 1.04
HORIZON-HLTH-2024-STAYHLTH- 1.05
HORIZON-HLTH-2023-ENVHLTH- 2.02
HORIZON-HLTH-2023-DISEASE- 3.01
HORIZON-HLTH-2024-DISEASE-3.14
HORIZON-HLTH-2023-CARE- 4.1
HORIZON-HLTH-2024-CARE-4.4
HORIZON-HLTH-2023-TOOL-5.05

Do you have other partners for this topic (which partners/country)?	UniWeb has an extensive list of reliable clinical and research partners in Belgium and Netherlands, with whom they collaborate on other commercial and non-commercial projects, including particularly well established links with the following: Vrije Universiteit Brussel - Belgium - University Universitair Ziekenhuis Brussel - Belgium - Academic hospital Radboud University Medical Center - Netherlands - Academic hospital Ziekenhuis Groep Twente - Netherlands - Academic hospital Universitair Ziekenhuis Antwerpen - Belgium - Academic hospital Jessa Ziekenhuis - Belgium - Academic hospital Leiehome - Belgium - Assisted living facility Tampere University - Finland - University DICE CRO - Belgium - Clinical Research Organisation Optimapharm - Finland - Clinical Research Organisation Instituto de Telecomunicações - Portugal - Reseach instrution

Profile of partner sought

Role	☐ technology development	☐ research	☐ training
	☐ dissemination	☐ demonstration	☐ other _____
Country /region	☐		

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Expertise required

I agree with the publication of my contact data: ▮ YES   ☐ NO