Personalised Health Monitoring and Decision Support Based on Artificial Intelligence and Holistic Health Records

Fact Sheet

Project Information

iHELP
Grant agreement ID: 101017441

Funded under
SOCIAL CHALLENGES - Health, demographic change and well-being

Total cost
€ 5 997 986,25

EU contribution
€ 5 997 986,25

UNIVERSITY OF PIRAEUS
RESEARCH CENTER
Greece

Project description

Aiding pancreatic cancer detection and intervention through artificial intelligence

Pancreatic cancer is rarely detected during its early stages, when it is most curable, mainly due to the lack of symptoms. This necessitates the use of novel methods to support early detection, risk mitigation and decision support towards optimised interventions. The EU-funded iHELP project will design a cutting-edge decision support suite incorporating artificial intelligence-based risk identification and mitigation methods to assist in the fight against pancreatic cancer. It will analyse
historical data in detail, identifying primary risk factors while raising awareness and providing ongoing risk management by exploiting data obtained through various wearable devices. The goal is to provide near real-time risk assessment, significantly aiding detection, prevention and treatment.

Fields of science

natural sciences > computer and information sciences > artificial intelligence
natural sciences > computer and information sciences > data science > big data
medical and health sciences > clinical medicine > oncology > pancreatic cancer

Keywords

Cancer research > decision support > informed policy making

Programme(s)

H2020-EU.3.1. - SOCIETAL CHALLENGES - Health, demographic change and well-being

H2020-EU.3.1.4.2. - Individual awareness and empowerment for self-management of health

Topic(s)

SC1-DTH-02-2020 - Personalised early risk prediction, prevention and intervention based on Artificial Intelligence and Big Data technologies

Call for proposal

H2020-SC1-DTH-2018-2020

See other projects for this call

Sub call

H2020-SC1-DTH-2020-1
Funding Scheme

RIA - Research and Innovation action

Coordinator

UNIVERSITY OF PIRAEUS RESEARCH CENTER

Net EU contribution
€ 424 062,50

Address
Al. papanastasiou 91
185 33 Piraeus
Greece

Region
Αττική > Αττική > Πειραιάς

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

Participants (17)

ATHENS TECHNOLOGY CENTER ANONYMI VIOMICCHANIKI EMPORIKI KAI TECHNIKI ETAIREIA EFARMOGON YPSILIS TECHNOLOGIAS

Greece

Net EU contribution
€ 308 750,00

Address
Rizareiou 10
15233 Athina

SME
<table>
<thead>
<tr>
<th>Organisation</th>
<th>Country</th>
<th>SME</th>
<th>Region</th>
<th>Activity Type</th>
<th>Net EU Contribution</th>
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<td>Spain</td>
<td>Yes</td>
<td>Comunidad de Madrid &gt; Comunidad de Madrid &gt; Madrid</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
<td>€372,500.00</td>
<td>Edificio cait campus montegancedo s/n upm 28223 Pozuelo de alarcon madrid</td>
<td>Contact the organisation, Website, Participation in EU R&amp;I programmes, HORIZON collaboration network</td>
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Bulgaria

Net EU contribution

€ 163,437.50

Address

131 Alexander Stambolijski Blvd 2n
4004 Plovdiv

SME

Yes

Region

Югозападна и Южна централна България > Южен централен > Пловдив

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00

THIRD-PARTY

DIGITAL SYSTEMS 4.0

Bulgaria

Net EU contribution

€ 180,000.00

Address

Bul./ul. Dobrich 30
4002 Plovdiv

SME

Yes

Region

Югозападна и Южна централна България > Южен централен > Пловдив

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
STRYPES EOOD

Bulgaria

Net EU contribution

€ 65,625,00

Address

No 10a, maystor aleski rilets stree manastirski livadi quartal

Sofia

Region

Югозападна и Южна централна България > Югозападен > София (столица)

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation

Participation in EU R&I programmes

HORIZON collaboration network

Other funding

€ 0,00

INNOVATION SPRINT

Belgium

Net EU contribution

€ 578,750,00

Address

Rue clos chapelle-aux-champs 30 bte 1.3.30

1200 Bruxelles / brussel

SME

Yes

Region

Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussels-Hoofdstad
ENGINEERING - INGEGNERIA INFORMATICA SPA

Italy

Net EU contribution
€ 370 625,00

Address
Piazzale dell’agricoltura 24
00144 Roma

Region
Centro (IT) > Lazio > Roma

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

SIEMENS SRL

Romania

Net EU contribution
€ 271 875,00

Address
Bdul preciziei 24 imobil h3 etaj 3-5 sector 6
062204 Bucuresti
**Activity type**

**Private for-profit entities (excluding Higher or Secondary Education Establishments)**

**Links**
- Contact the organisation
- Participation in EU R&I programmes
- HORIZON collaboration network

**Other funding**

€ 0,00

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**INFORMATION CATALYST SL**

Spain

Net EU contribution

€ 507 500,00

Address

Calle reina 27 piso 4 puerta 7
46800 Xativa

SME

Yes

Region

Este > Comunitat Valenciana > Valencia/València

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**THIRD-PARTY**

**INFORMATION CATALYST FOR ENTERPRISE LTD**

United Kingdom

Net EU contribution
St georges court winnington avenue  
CW8 4EE Northwich cheshire

SME  
Yes

Region  
North West (England) > Cheshire > Cheshire West and Chester

Activity type  
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Contact the organisation  
Participation in EU R&I programmes  
HORIZON collaboration network

Other funding

€ 0,00

UNIVERSIDAD POLITECNICA DE MADRID  
Spain

Net EU contribution

€ 340 000,00

Calle ramiro de maeztu 7 edificio rectorado  
28040 Madrid

Region  
Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type  
Higher or Secondary Education Establishments

Contact the organisation  
Website  
Participation in EU R&I programmes  
HORIZON collaboration network

Other funding

€ 0,00
THE UNIVERSITY OF MANCHESTER
United Kingdom
Net EU contribution
€ 911 388,75
Address
Oxford road
M13 9PL Manchester
Region
North West (England) > Greater Manchester > Manchester
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
Other funding
€ 0,00

FONDAZIONE POLICLINICO UNIVERSITARIO AGOSTINO GEMELLI IRCCS
Italy
Net EU contribution
€ 482 222,50
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00168 Roma
Region
Centro (IT) > Lazio > Roma
Activity type
Research Organisations
Links
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MARINA SALUD SA

Spain

Net EU contribution

€ 286 250,00

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Pta beniadla s/n
03700 Denia-alicante

Region

Este > Comunitat Valenciana > Alicante/Alacant

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00

KAROLINSKA INSTITUTET

Sweden

Net EU contribution

€ 255 000,00

Address

Nobels vag 5
17177 Stockholm

Region

Östra Sverige > Stockholm > Stockholms län

Activity type

Higher or Secondary Education Establishments

Links
MEDITCINSKY UNIVERSITET-PLOVDIV

Bulgaria

Net EU contribution

€ 224 375,00

Address

Vasil aprilov boulevard 15a
4002 Plovdiv

Region

Югозападна и Южна централна България > Южен централен > Пловдив

Activity type

Higher or Secondary Education Establishments

Links

TAIPEI MEDICAL UNIVERSITY FOUNDATION*TMU

Taiwan

Net EU contribution

€ 0,00

Address

Wuxing street 250 xinyi no.250
11031 Taipei

Activity type

Higher or Secondary Education Establishments

Links
Other funding

€ 0,00

EC signature date 4 December 2020
Last update: 25 August 2023

Permalink: https://cordis.europa.eu/project/id/101017441

European Union, 2023