CrowdHEALTH

**Project ID:** 727560  
**Funded under:** H2020-EU.3.1.5. - Methods and data

**Collective wisdom driving public health policies**

**From** 2017-03-01 **to** 2020-02-29, ongoing project

**Project details**

<table>
<thead>
<tr>
<th><strong>Total cost:</strong></th>
<th><strong>Topic(s):</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>EUR 5 333 300</td>
<td>SC1-PM-18-2016 - Big Data supporting Public Health policies</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>EU contribution:</strong></th>
<th><strong>Call for proposal:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>EUR 4 999 550</td>
<td>H2020-SC1-2016-CNECT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Coordinated in:</strong></th>
<th><strong>Funding scheme:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Spain</td>
<td>RIA - Research and Innovation action</td>
</tr>
</tbody>
</table>

**Objective**

Today’s rich digital information environment is characterized by the multitude of data sources providing information that has not yet reached its full potential in eHealth. CrowdHEALTH will introduce a new paradigm of Holistic Health Records (HHRs) that include all health determinants. HHRs will be transformed into Social HHRs communities capturing the clinical, social and human context of the population segmentation and as a result the collective knowledge for different factors depending on the communities formulation criteria (e.g. demographics, diseases, lifestyle choices, nutrition, etc). CrowdHEALTH will deliver a secure integrated ICT platform that seamlessly integrates big data technologies across the complete data path, providing of Data as a Service (DaaS) to the health ecosystem stakeholders. CrowdHEALTH will develop policy modeling techniques to facilitate the inclusion of Key Performance Indicators (KPIs) in policies and the correlation of these KPIs both with all health determinants captured in HHRs and with information from other domains towards a “health in all policies” approach. Creation and co-creation (cross-domain) of policies will be feasible through a rich toolkit, which will be provided on top of the DaaS, incorporating mechanisms for causal and risk analysis, as well as for compilation of predictions. Through the toolkit, multi-modal targeted policies addressing various time scales (long- / short-term), locations (area, regional, national, international), populations, and evolving risks will be realized. CrowdHEALTH will facilitate policies evaluation (on complete policy and per-KPI levels) and optimization through adaptive and incremental visualizations of simulations and outcomes of evidence based analysis of prevention strategies. CrowdHEALTH will collect data and will be validated through 5 pilots addressing different environments (care centers, social networks, public environments, living labs, diseases monitoring).

**Related information**

<table>
<thead>
<tr>
<th><strong>Report Summaries</strong></th>
<th><strong>Periodic Reporting for period 1 - CrowdHEALTH (Collective wisdom driving public health policies)</strong></th>
</tr>
</thead>
</table>
Coordinator

ATOS SPAIN SA
CALLE DE ALBARRACIN 25
28037 MADRID
Spain
EU contribution: EUR 403 750
See on map

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

Contact the organisation

Participants

ENGINEERING - INGEGNERIA INFORMATICA SPA
PIAZZALE DELL'AGRICOLTURA 24
00144 ROMA
Italy
EU contribution: EUR 306 250
See on map

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

Contact the organisation

SIEMENS SRL
BDUL PRECIZIEI 24 IMOBIL H3 ETAJ 3-5 SECTOR 6
062204 BUCURESTI
Romania
EU contribution: EUR 278 750
See on map

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

Contact the organisation

SINGULARLOGIC CYPRUS LTD
KYRILLOU LOUKAREOS 70
4156 KATO POLEMIDIA LIMASSOL
Cyprus
EU contribution: EUR 273 750
See on map

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

Contact the organisation

ETHNIKOS ORGANISMOS PAROCHIS YPIRESION YGIAS
APOSTOLOU PAVLOY 12
15123 ATHENS
Greece
EU contribution: EUR 145 312,50
See on map

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Contact the organisation
NACIONALNI INSTITUT ZA JAVNO ZDRAVJE
TRUBARJEVA CESTA 2
1000 LJUBLJANA
Slovenia
See on map
Activity type: Research Organisations
Contact the organisation

EU contribution: EUR 102 750

FUNDACION PARA LA INVESTIGACION DEL HOSPITAL UNIVERSITARIO LA FE DE LA COMUNIDAD
VALENCIANA
AV FERNANDO ABRIL MARTORELL 106
46026 VALENCIA
Spain
See on map
Activity type: Research Organisations
Contact the organisation

EU contribution: EUR 388 925

KAROLINSKA INSTITUTET
Nobels Vag 5
17177 STOCKHOLM
Sweden
See on map
Activity type: Higher or Secondary Education Establishments
Contact the organisation

EU contribution: EUR 324 562,50

DEUTSCHES FORSCHUNGSZENTRUM FUR KUNSTLICHE INTELLIGENZ GMBH
TRIPPSTADTER STRASSE 122
67663 KAIERSLAUTERN
Germany
See on map
Activity type: Research Organisations
Contact the organisation

EU contribution: EUR 352 500

BIOASSIST SA
KASTRITSIOU STR 4
265 04 RIO
Greece
See on map
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

EU contribution: EUR 225 000
INFORMATION CATALYST FOR ENTERPRISE LTD
St Georges Court, Winnington Avenue
CW8 4EE Northwich
United Kingdom
EU contribution: EUR 248 750
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

CARE ACROSS LTD
1 KINGS AVENUE
N21 3NA LONDON
United Kingdom
EU contribution: EUR 218 125
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

LEANXCALE SL
CALLE NARDOS NUM 11
28690 BRUNETE MADRID
Spain
EU contribution: EUR 281 250
Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

UNIVERSITY OF PIRAEUS RESEARCH CENTER
GR. LAMPRAKI 122
185 32 PIRAEUS
Greece
EU contribution: EUR 393 125
Activity type: Higher or Secondary Education Establishments
Contact the organisation

UNIVERSIDAD POLITECNICA DE MADRID
CALLE RAMIRO DE MAAZTU 7 EDIFICIO RECTORADO
28040 MADRID
Spain
EU contribution: EUR 271 875
Activity type: Higher or Secondary Education Establishments
Contact the organisation
UNIVERSITY OF SOUTHAMPTON  
Highfield  
SO17 1BJ SOUTHAMPTON  
United Kingdom  
See on map  

**Activity type:** Higher or Secondary Education Establishments  
Contact the organisation

EU contribution: EUR 348 812,50

INSTITUT JOZEF STEFAN  
Jamova 39  
1000 LJUBLJANA  
Slovenia  
See on map  

**Activity type:** Research Organisations  
Contact the organisation

EU contribution: EUR 231 687,50

UNIVERZA V LJUBLJANI  
KONGRESNI TRG 12  
1000 LJUBLJANA  
Slovenia  
See on map  

**Activity type:** Higher or Secondary Education Establishments  
Contact the organisation

EU contribution: EUR 204 375

ASSOCIATION EUROPEAN FEDERATION FORMEDICAL INFORMATICS  
CHEMIN DE MAILLEFER 37  
1052 LE MONT-SUR-LAUSANNE  
Switzerland  
See on map  

**Activity type:** Other  
Contact the organisation

EU contribution: EUR 0

TAIPEI MEDICAL UNIVERSITY FOUNDATION*TMU  
WUXING STREET 250 XINYI No.250  
11031 TAIPEI  
Taiwan  
See on map  

**Activity type:** Higher or Secondary Education Establishments  
Contact the organisation

EU contribution: EUR 0

Last updated on 2017-06-23  
Retrieved on 2019-07-28
