Integrated Technology Ecosystem for ProACTive Patient Centred Care

Fact Sheet

Project information

ProACT

Grant agreement ID: 689996

Project website

Status
Closed project

Start date
1 January 2016

End date
31 August 2019

Funded under:
H2020-EU.3.1.6.

Overall budget:
€ 4 876 708,69

EU contribution
€ 4 876 707,86

Coordinated by:
The Provost, Fellows, Foundation Scholars & The Other Members of Board of the College of the Holy & Undivided Trinity of Queen Elizabeth Near Dublin

Ireland

Objective

ProACT targets Europe's 50 million multimorbid patients to proactively self-manage and offset the EU's annual €700 billion cost of chronic disease management. ProACT aims at providing and evaluating an open application programming interface to integrate a variety of new and existing technologies to advance 'home based' integrated care (IC). Cloud based data analytics will determine correlations between technology use and the influence of support actors to impact on the health and quality of life of patients. Research will examine 4 models of care/support, central to implementing effective, continued and coordinated patient-centric care/self-management. Development of a novel data aggregation and cloud platform system will enable data analysis for improvement of IC, effective measurement of results and comparison of efficiency and costs, so that the relationship between patients and their personalized care network is optimized. Proof of concept trials (120 patients in total, with associated care/support actors) will be carried out within Health Services (Ireland and Belgium) with associated living lab facilities to ensure patient co-design technology approaches. Clinical status information, therapies and activity tools will be deployed for the conditions of: chronic heart failure (CHF), diabetes and chronic obstructive pulmonary disease (COPD). Tools to support mild cognitive impairment and detect early onset dementia are included. Commercial potential will be validated during the project supported by a European feasibility
study to assess the cultural and political determinants for adoption and scalability of the ecosystem. ProACT engages a multidisciplinary EU consortium of 3 public and 9 private organizations (including 2 of the world's leading ICT companies, the largest home care provider and 2 EU service provider and technology networks) to develop and validate the ecosystem. Individually partners could develop the components. Together we can develop the system.

Field of Science
/natural sciences/computer and information sciences/data science/data analysis
/social sciences/sociology/governance/public services
/medical and health sciences/clinical medicine/endocrinology/diabetes

Programme(s)
H2020-EU.3.1.6. - Health care provision and integrated care

Topic(s)
PHC-25-2015 - Advanced ICT systems and services for integrated care

Call for proposal
H2020-PHC-2015-single-stage
See other projects for this call

Funding Scheme
RIA - Research and Innovation action

Coordinator
THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN
Address
College Green
2 Dublin
Ireland
Activity type
Higher or Secondary
Education Establishments
EU Contribution
€ 760 931,59

Website
Contact the organisation

Participants (14)
<table>
<thead>
<tr>
<th>Organisation</th>
<th>EU Contribution</th>
<th>Address</th>
<th>Activity type</th>
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</thead>
<tbody>
<tr>
<td>IBM IRELAND LIMITED</td>
<td>€ 682 506,25</td>
<td>Ibm House, Shelbourne Road, Dublin 4 Ballsbridge</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
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<tr>
<td>ASSOCIAZIONE ITALIANA PER L ASSISTENZA AGLI SPASTICI PROVINCIA DI BOLOGNA</td>
<td>€ 447 500</td>
<td>Piazza Della Pace 4a, 40134 Bologna</td>
<td>Other</td>
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<tr>
<td>DUNDALK INSTITUTE OF TECHNOLOGY</td>
<td>€ 922 898,75</td>
<td>Dublin Road, A91 Dundalk</td>
<td>Higher or Secondary Education Establishments</td>
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<tr>
<td>INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM</td>
<td>€ 700 375</td>
<td>Kapeldreef 75, 3001 Leuven</td>
<td>Research Organisations</td>
</tr>
</tbody>
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IMINDS

Belgium

Address: Technologiepark 19
9052 Gent

Activity type: Research Organisations

Website
Contact the organisation

UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK

Ireland

Address: Western Road
T12 Yn60 Cork

Activity type: Higher or Secondary Education Establishments

Website
Contact the organisation

TREELOGIC TELEMATICA Y LOGICA RACIONAL PARA LA EMPRESA EUROPEA SL

Spain

Address: Parque Tecnologico De Asturias
33428 Llanera Asturias

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

Website
Contact the organisation

PHILIPS ELECTRONICS UK LIMITED

United Kingdom

Address: Guildford Business Park
Gu2 8xh Guildford

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

Website
Contact the organisation
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<td>HOME INSTEAD FRANCHISING LTD</td>
<td>€ 109 375</td>
<td>Ireland</td>
<td>305 Q House, Furze Road, Sandyford Business Park, Sandyford, 18 Dublin</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
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<tr>
<td>VEREIN ZUR FOERDERUNG ASSISTIERENDER TECHNOLOGIE IN EUROPA</td>
<td>€ 69 375</td>
<td>Austria</td>
<td>Altenberger Strasse 69, 4040 Linz</td>
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<td>EUROPEAN ASSOCIATION OF SERVICE PROVIDERS FOR PERSONS WITH DISABILITIES</td>
<td>€ 70 050</td>
<td>Belgium</td>
<td>Rue Du Commerce 72, 1040 Bruxelles</td>
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<td>AZIENDA PUBBLICA DI SERVIZI ALLA PERSONA CITTA DI BOLOGNA</td>
<td>€ 63 125</td>
<td>Italy</td>
<td>Viale Roma 21, 40139 Bologna</td>
<td>Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)</td>
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<td>€ 94 123,18</td>
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Last update: 10 February 2020
Record number: 199903