Agile Co-Creation of Robots for Ageing

Fact Sheet

Project Information

**ACCRA**

Grant agreement ID: 738251

Closed project

**Start date**
1 December 2016

**End date**
31 March 2020

**Funded under**
H2020-EU.3.1.4.

**Overall budget**
€ 1 999 711,25

**EU contribution**
€ 1 999 711,25

**Coordinated by**
TRIALOG
France

**Objective**

The mission of ACCRA is to enable the development of advanced ICT Robotics based solutions for extending active and healthy ageing in daily life by defining, developing and demonstrating an agile co-creation development process. To this end, a four-step methodology (need study, co-creation, experimentation, sustainability analysis) will be defined and applied in three applications (support for walking, housework, conversation rehabilitation) and assessed in France, Italy, Netherlands and Japan. The three applications will be based on a FIWARE platform integrating a number of enablers including features of universAAL and supporting two robotics solutions, Astro (Robot) and Buddy (Robot companion). The MAST impact assessment framework will be used integrating the following dimensions: user perceptions, user outcomes, ELSI, economic aspects, technical aspects, organisational aspects.

ACCRA is a joint European-Japanese initiative including a multidisciplinary team of 6
European partners and 3 Japanese partners. The project has a three-year duration. It is structured to allow for balanced contribution and efficient synergistic collaboration between Europe and Japan.

**Fields of science**

engineering and technology › electrical engineering, electronic engineering, information engineering › electronic engineering › robotics
natural sciences › computer and information sciences › software › software development
social sciences › sociology › social issues
engineering and technology › electrical engineering, electronic engineering, information engineering › electronic engineering › sensors › smart sensors
natural sciences › computer and information sciences › data science › big data

**Programme(s)**

H2020-EU.3.1.4. - Active ageing and self-management of health

**Topic(s)**

SC1-PM-14-2016 - EU-Japan cooperation on Novel ICT Robotics based solutions for active and healthy ageing at home or in care facilities

**Call for proposal**

H2020-SC1-2016-CNECT-EUJ

See other projects for this call

**Funding Scheme**

RIA - Research and Innovation action

**Coordinator**

TRIALOG

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<th>Address</th>
<th>Activity type</th>
<th>EU contribution</th>
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<td>25 Rue Du General Foy</td>
<td>Private for-profit entities</td>
<td>€ 685 406,25</td>
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Participants (5)

SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO SANNA
Italy
EU contribution
€ 378 281,25
Address
Piazza Martiri Della Liberta 33
56127 Pisa
Activity type
Higher or Secondary Education Establishments

Contact the organisation
Website

ERASMUS UNIVERSITEIT ROTTERDAM
Netherlands
EU contribution
€ 327 625
Address
Burgemeester Oudlaan 50
3062 PA Rotterdam
Activity type
Higher or Secondary Education Establishments

Contact the organisation
Website

UNIVERSITE PARIS DAUPHINE
France
<table>
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<tr>
<td>BLUE FROG ROBOTICS</td>
<td>France</td>
<td>€ 148 125</td>
<td>8 Residence Des Glaieuls, 95390 Saint Prix</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
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<tr>
<td>FONDAZIONE CASA SOLLIEVO DELLA SOFFERENZA</td>
<td>Italy</td>
<td>€ 100 750</td>
<td>Viale Cappuccini Sc, 71013 San Giovanni Rotondo FG</td>
<td>Research Organisations</td>
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**Last update:** 8 April 2021  
**Record number:** 207079