Agile Co-Creation of Robots for Ageing

Fact Sheet

Project Information

ACCRA

Grant agreement ID: 738251

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

Total cost
€ 1,999,711.25

EU contribution
€ 1,999,711.25

Coordinated by
TRIALOG
France

Start date
1 December 2016

End date
31 March 2020

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

natural sciences > computer and information sciences > data science > big data
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
engineering and technology > electrical engineering, electronic engineering, information engineering >
electronic engineering > robotics

Programme(s)

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

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-SC1-2016-2017

See other projects for this call

Sub call

H2020-SC1-2016-CNECT-EUJ

Funding Scheme

RIA - Research and Innovation action
Coordinator

TRIALOG
Net EU contribution
€ 685 406,25

Address
25 Rue Du General Foy
75008 Paris
France

Region
Ile-de-France > Paris

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

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

Other funding
€ 0,00

Participants (5)

SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO S ANNA
Italy
Net EU contribution
€ 378 281,25

Address
Piazza Martiri Della Liberta 33
56127 Pisa

Region
Centro (IT) > Toscana > Pisa

Activity type
Higher or Secondary Education Establishments

Links
ERASMUS UNIVERSITEIT ROTTERDAM

Netherlands

Net EU contribution

€ 327 625,00

Address

Burgemeester Oudlaan 50
3062 PA Rotterdam

Region

West-Nederland > Zuid-Holland > Groot-Rijnmond

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

UNIVERSITE PARIS DAUPHINE

France

Net EU contribution

€ 359 523,75

Address

Place Du Marechal De Lattre De Tass Igny
75775 Paris Cedex 16

Region

Île-de-France > Île-de-France > Paris

Activity type

Higher or Secondary Education Establishments
BLUE FROG ROBOTICS
France
Net EU contribution
€ 148 125,00
Address
8 Residence Des Glaieuls
95390 Saint Prix
SME
Yes
Region
Ile-de-France > Ile-de-France > Val-d'Oise
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

FONDAZIONE CASA SOLLIEVO DELLA SOFFERENZA
Italy
Net EU contribution
€ 100 750,00
Address
Viale Cappuccini Sc
71013 San Giovanni Rotondo Fg
Activity type
Research Organisations

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

Other funding
€ 0,00

EC signature date: 27 November 2016
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