Agile Co-Creation of Robots for Ageing

Fact Sheet

Project Information

ACCRA
Grant agreement ID: 738251

Funded under
H2020-EU.3.1.4.

Overall budget
€ 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

- 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

Address: 25 Rue Du General Foy
Activity type: Private for-profit entities
EU contribution: € 685 406,25
Participants (5)

SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO S
ANNA
Italy
EU contribution
€ 378,281.25
Address
Piazza Martiri Della Liberta 33
56127 Pisa
Activity type
Higher or Secondary Education Establishments

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

UNIVERSITE PARIS DAUPHINE
France
BLUE FROG ROBOTICS
France
EU contribution
€ 148 125
Address
8 Residence Des Glaieuls
95390 Saint Prix
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

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

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