Social and hUman ceNtered XR

Fact Sheet

Project Information

**SUN**
Grant agreement ID: 101092612

**DOI**
10.3030/101092612

**Funded under**
Digital, Industry and Space

**Total cost**
€ 7 482 542,50

**EU contribution**
€ 7 482 542,50

**Coordinated by**
CONSIGLIO NAZIONALE DELLE RICERCHE

**Start date**
1 December 2022

**End date**
30 November 2025

**Italy**

Project description

Lifelike social environments in extended reality

Extended reality (XR) is an emerging technology with promising potential in many fields including health, communication and safety. However, overcoming XR’s limitations in providing authentic interactive social environments is key to further developing its applications. The EU-funded SUN project aims to advance the social interactivity of XR technology by establishing scalable models with sustained and convincing virtual environments. The project will also improve the data-processing capability of wearable devices and develop wearable sensors and tactile interfaces to improve user experience. SUN will validate these models in three real-life situations: rehabilitation therapy, improved safety and social interaction among workers, and facilitate interaction for disabled users.
Fields of science

medical and health sciences > clinical medicine > physiotherapy
natural sciences > computer and information sciences > artificial intelligence > computer vision
engineering and technology > electrical engineering, electronic engineering, information engineering > electronic engineering > sensors
natural sciences > computer and information sciences > software > software applications > virtual reality

Keywords

Artificial Intelligence

Programme(s)

HORIZON.2.4 - Digital, Industry and Space
HORIZON.2.4.6 - Next Generation Internet

Topic(s)

HORIZON-CL4-2022-HUMAN-01-14 - eXtended Reality Technologies (RIA)

Call for proposal

HORIZON-CL4-2022-HUMAN-01

See other projects for this call

Funding Scheme

RIA - Research and Innovation action

Coordinator

CONSIGLIO NAZIONALE DELLE RICERCHE
Net EU contribution
Participants (14)

ENGINEERING - INGEGNERIA INFORMATICA SPA  
Italy  
Net EU contribution  
€ 667 500,00  
Address  
Piazzale dell'agricoltura 24  
00144 Roma  
Region  
Centro (IT) > Lazio > Roma  
Links  
Contact the organisation  
Website  
Participation in EU R&I programmes  
HORIZON collaboration network  
Other funding  
€ 0,00  

PRAGMATEFFYIA IKE
**Greece**

**Net EU contribution**

€ 403 125,00

**Address**

Kifisias 44  
15125 Marousi

**Region**

Αττική > Αττική > Βόρειος Τομέας Αθηνών

**Activity type**

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

**Links**

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

**Other funding**

€ 0,00

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**EREVNITIKO PANEPISTIMIAKO INSTITOUTO TILEPIKONONIAKON SYSTIMATON**

**Greece**

**Net EU contribution**

€ 469 375,00

**Address**

Kounoupidiana akrotirio tuc campus  
73100 Chania

**Region**

Νησιά Αιγαίου > Κρήτη > Χανιά

**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
HOLO-INDUSTRIE 4.0 SOFTWARE GMBH
Germany
Net EU contribution
€ 550 625,00
Address
Carl-zeiss-ring 19
85737 Ismaning
SME Yes
Region
Bayern > Oberbayern > München, Landkreis
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 0,00

IGOODI SRL
Italy
Net EU contribution
€ 497 500,00
Address
Via maurizio gonzaga 2
20123 Milano
SME Yes
Region
Nord-Ovest > Lombardia > Milano
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO S ANNA

Italy

Net EU contribution
€ 598 750,00

Address
Piazza martiri della liberta 33
56127 Pisa

Region
Centro (IT) > Toscana > Pisa

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

KPEOPLE RESEARCH FOUNDATION

Malta

Net EU contribution
€ 563 125,00

Address
Assikura building, level 1, old railway track, SVR 9017 Santa venera

Region
Malta > Malta > Malta

Activity type
Research Organisations
IN2 DIGITAL INNOVATIONS GMBH

Germany

Net EU contribution

€ 495 625,00

Address

Auf dem hasenbank 23a
88131 Lindau bodensee

SME

Yes

Region

Bayern > Schwaben > Lindau (Bodensee)

Activity type

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

ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS

Greece

Net EU contribution

€ 521 375,00

Address

Charilaou thermi road 6 km
57001 Thermi thessaloniki
VRIJE UNIVERSITEIT BRUSSEL

Belgium

Net EU contribution

€ 298 750,00

Address

Pleinlaan 2
1050 Bruxelles / brussel

Region

Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

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

AZIENDA USL TOSCANA NORD OVEST

Italy

Net EU contribution

€ 416 875,00

Address
OUTDOOR AGAINST CANCER GEMEINNUTZIGE UNTERNEHMERGESELLSCHAFT

Germany
Net EU contribution
€ 307 500,00

Address
Einsteinstrasse 131
81675 München

SME
Yes

Region
Bayern > Oberbayern > München, Kreisfreie Stadt

Activity type
Other

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

Other funding
€ 0,00

UNIVERSITAT POLITECNICA DE VALENCIA
Spain
Net EU contribution

€ 347 765,00

Address

Camino de vera sn edificio 3a
46022 Valencia

Region
Este > Comunitat Valenciana > Valencia/València

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

FACTOR INGENIERIA Y DECOLETAJE SL

Spain

Net EU contribution

€ 253 402,50

Address

Calle regadors 2
46530 Pucol

Region
Este > Comunitat Valenciana > Valencia/València

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

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

Other funding
€ 0,00

Partners (3)
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE

Switzerland

Net EU contribution

€ 0,00

Address

Batiment ce 3316 station 1
1015 Lausanne

Region

Schweiz/Suisse/Svizzera > Région lémanique > Vaud

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

SCHWEIZERISCHE UNFALLVERSICHERUNGSANSTALT

Switzerland

Net EU contribution

€ 0,00

Address

Fluhmattstrasse 1
6002 Luzern

Region

Schweiz/Suisse/Svizzera > Zentralschweiz > Luzern

Activity type

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

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
UNIVERSITY OF GREENWICH

United Kingdom

Net EU contribution
€ 0,00

Address
Park row greenwich old royal naval college
SE10 9LS London

Region
London > Outer London — East and North East > Bexley and Greenwich

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

EC signature date 13 November 2022
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European Union, 2023