Supporting Architectural and technological Network evolutions through an intelligent, secureD and twinning enaBled Open eXperimentation facility

Fact Sheet

Project Information

6G-SANDBOX
Grant agreement ID: 101096328

DOI
10.3030/101096328

EC signature date
24 November 2022

Funded under
Digital, Industry and Space

Total cost
€ 8 546 551,53

EU contribution
€ 8 039 821,26

Coordinated by
KEYSIGHT TECHNOLOGIES
BELGIUM

Project description

On the pathway towards 6G

The European Smart Networks and Services Joint Undertaking is part of the EU's efforts to step up the green and digital transition. In line with its aim to ensure industrial leadership for Europe in 5G and 6G, the EU-funded 6G-SANDBOX project will develop a complete and modular facility for the European experimentation ecosystem. Since 6G requires a fresh design approach to the network architecture, the project will support the next-decade technology and research validation processes. It will introduce the concept of trial networks, which refers to fully
configurable, manageable and controlled end-to-end networks, composed of both digital and physical nodes.

**Fields of science**

natural sciences > biological sciences > ecology > ecosystems

**Keywords**

- Experimental infrastructure
- Test & Measurement
- Internet of Sense
- Disruptive wireless
- Deterministic Networking
- fixed
- RAN
- NTN integration
- standarization towards 6G
- digital twins
- BY5G
- KPIs&KVIs

**Programme(s)**

HORIZON.2.4 - Digital, Industry and Space

**Topic(s)**

HORIZON-JU-SNS-2022-STREAM-C-01-01 - SNS experimental Infrastructure

**Call for proposal**

HORIZON-JU-SNS-2022

See other projects for this call

**Funding Scheme**

HORIZON-JU-RIA - HORIZON JU Research and Innovation Actions

**Coordinator**
KEYSIGHT TECHNOLOGIES BELGIUM

Net EU contribution
€ 141 075,00

Address
Wingepark 51
3110 Rotselaar
Belgium

Region
Vlaams Gewest > Prov. Vlaams-Brabant > Arr. Leuven

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
€ 15 675,00

Participants (16)

UNIVERSIDAD DE MALAGA

Spain
Net EU contribution
€ 2 314 075,00

Address
Avda cervantes, num. 2
29016 Malaga

Region
Sur > Andalucía > Málaga

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network
KEYSIGHT TECHNOLOGIES DENMARK APS

Denmark

Net EU contribution

€ 488 250,00

Address

Alfred nobels vej 27 3 b1
9220 Aalborg ost

Region

Danmark > Nordjylland > Nordjylland

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

€ 54 250,00

FOGUS INNOVATIONS & SERVICES P.C.

Greece

Net EU contribution

€ 346 500,00

Address

Michali karaoli 51-53
161 21 Kaisairiani

SME

Yes

Region

Αττική > Αττική > Κεντρικός 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
€ 38 500,00

INFOLYSIS P.C.

Greece

Net EU contribution
€ 299 250,00

Address
37 simmahidon
118 54 Athens

SME
Yes

Region
Αττική > Αττική > Κεντρικός 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
€ 33 250,00

BOREAL TECHNOLOGY AND INVESTMENTS SL

Spain

Net EU contribution
€ 284 062,50

Address
Avenida sor teresa prat 15 oficina 5
29003 Malaga  ⌐
Region
Sur  >  Andalucía  >  Málaga
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
€ 31 562,50

TELEFONICA INVESTIGACION Y DESARROLLO SA
Spain
Net EU contribution
€ 648 763,88
Address
Ronda de la comunicacion s/n distrito c edificio oeste i
28050 Madrid  ⌐
Region
Comunidad de Madrid  >  Comunidad de Madrid  >  Madrid
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
€ 72 084,87

"NATIONAL CENTER FOR SCIENTIFIC RESEARCH "DEMOKRITOS""
Greece
Net EU contribution
COSMOTE KINITES TILEPIKIONIES MONOPROSOPI AE

Greece

Net EU contribution
€ 257 062,50

Address
Kifissias 99
151 24 Athens

Region
Αττική > Αττική > Βόρειος Τομέας Αθηνών

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
€ 28 562,50
Spain

Net EU contribution

€ 460 125,00

Address

Calle maria tubau 9
28045 Madrid

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

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

€ 51 125,00

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OULUN YLIOPISTO

Finland

Net EU contribution

€ 278 750,00

Address

Pentti kaiteran katu 1
90014 Oulu

Region

Manner-Suomi > Pohjois- ja Itä-Suomi > Pohjois-Pohjanmaa

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
ICTFICIAL OY

Finland
Net EU contribution
€ 354 375,00

Address
Koivuviidantie 12 b 2
02310 Espoo

SME
Yes

Region
Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

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
€ 39 375,00

OPENNEBULA SYSTEMS SL

Spain
Net EU contribution
€ 371 250,00

Address
Paseo del club deportivo 1 edif 4 planta 1a parque empresarial la finca pozuelo de alarcon
28223 Pozuelo de alarcon

SME
Yes

Region
Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
**EURESCOM-EUROPEAN INSTITUTE FOR RESEARCH AND STRATEGIC STUDIES IN TELECOMMUNICATIONS GMBH**

*Germany*

**Net EU contribution**

€ 294 483,63

**Address**

Wieblingen weg 19/4
69123 Heidelberg

**Region**

Baden-Württemberg > Karlsruhe > Heidelberg, Stadtkreis

**Activity type**

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

**Other funding**

€ 32 720,40

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**ISRD SP Z O.O.**

*Poland*

**Net EU contribution**

€ 385 875,00

**Address**

Pulawska 45b
05-500 Piaseczno

**SME**
**Yes**

**Region**

Makroregion województwo mazowieckie > Warszawski stołeczny > Warszawski zachodni

**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**

€ 42,875,00

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**FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV**

Germany

**Net EU contribution**

€ 430,173,75

**Address**

Hansastrasse 27c
80686 München

**Region**

Bayern > Oberbayern > München, Kreisfreie Stadt

**Activity type**

Research Organisations

**Links**

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

**Other funding**

€ 0,00

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**LENOVO DEUTSCHLAND GMBH**

Germany

**Net EU contribution**
€ 229 500,00

Address
Meitnerstrasse 9
70563 Stuttgart

Region
Baden-Württemberg > Stuttgart > Stuttgart, Stadtkreis

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
€ 25 500,00

Partners (1)

THE QUEEN'S UNIVERSITY OF BELFAST
United Kingdom
Net EU contribution
€ 0,00

Address
University road lanyon building
BT7 1NN Belfast

Region
Northern Ireland > Northern Ireland > Belfast

Activity type
Higher or Secondary Education Establishments

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

Other funding
No data