**PRogrammable AI-Enabled Deterministic Network for 6G**

**Fact Sheet**

**Project Information**

**PREDICT-6G**

Grant agreement ID: 101095890

**DOI**

10.3030/101095890

**EC signature date**

17 November 2022

**Start date**

1 January 2023

**End date**

30 June 2025

**Funded under**

Digital, Industry and Space

**Total cost**

€ 6 082 687,50

**EU contribution**

€ 5 681 350,00

**Coordinated by**

UNIVERSIDAD CARLOS III DE MADRID

Spain

**Project description**

6G end-to-end solution for improved network reliability and efficiency

Fifth-generation (5G) network technology is undergoing an overhaul to adapt to future vertical use cases. For this endeavour to reach a viable place, a significant increase in 5G technology’s latency, security, reliability, energy and bandwidth capabilities would be necessary. The EU-funded PREDICT-6G project aims to develop an end-to-end solution for 6G that will allow it to reach a satisfying point across the path started by 5G. To do this, the project team will create an innovative multi-technology, multi-domain data plane, an AI-driven multi-stakeholder inter-domain control plane and a digital twin framework, which will complement each other...
to improve wired and wireless network capabilities in an aim to provide a deterministic 6G network solution.

**Fields of science**

- engineering and technology
  - electrical engineering
  - electronic engineering
  - information engineering
  - telecommunications
  - telecommunications networks
  - mobile network
  - 5G

- engineering and technology
  - electrical engineering
  - electronic engineering
  - information engineering
  - telecommunications
  - radio technology

**Programme(s)**

- HORIZON.2.4 - Digital, Industry and Space

**Topic(s)**


**Call for proposal**

- HORIZON-JU-SNS-2022

See other projects for this call

**Funding Scheme**

- RIA - Research and Innovation action

**Coordinator**

UNIVERSIDAD CARLOS III DE MADRID

Net EU contribution

€ 746 812,50

Address

Calle madrid 126
28903 Getafe (madrid)
Participants (15)

NOKIA SOLUTIONS AND NETWORKS KFT

Net EU contribution
€ 553 950,00

Address
Bokay janos utca 36-42
1083 Budapest

Region
Közép-Magyarország > Budapest > Budapest

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

Other funding
€ 61 550,00
Spain

Net EU contribution

€ 597 937,50

Address
Calle retama 1
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
€ 66 437,50

INTEL DEUTSCHLAND GMBH

Germany

Net EU contribution

€ 511 875,00

Address
Am campeon 10
85579 Neubiberg

Region
Bayern > Oberbayern > München, Landkreis

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
€ 56 875,00
TELEFONICA INVESTIGACION Y DESARROLLO SA
Spain
Net EU contribution
€ 400 612,50
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
€ 44 512,50

ATOS IT SOLUTIONS AND SERVICES IBERIA SL
Spain
Net EU contribution
€ 261 562,50
Address
Ronda de europa 5
28760 Tres cantos 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
€ 29 062,50

THIRD-PARTY

ATOS SPAIN SA
Spain
Net EU contribution
€ 81 000,00
Address
Calle de albarracin 25
28037 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
€ 9 000,00

GESTAMP SERVICIOS SA
Spain
Net EU contribution
€ 323 775,00
Address
Alfonso xii 16
28012 Madrid
Region
Comunidad de Madrid > Comunidad de Madrid > Madrid
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
NEXTWORKS

Italy

Net EU contribution
€ 333 450,00

Address
Via livornese 1027
56122 Pisa

SME
Yes

Region
Centro (IT) > Toscana > Pisa

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

COGNITIVE INNOVATIONS PRIVATE COMPANY

Greece

Net EU contribution
€ 226 125,00

Address
Kifissias 125-127
11524 Athina
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
€ 25 125,00

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SOFTWARE IMAGINATION & VISION SRL

Romania

Net EU contribution
€ 321 750,00

Address
Soseaua bucuresti-ploiesti 73-81 complex victoria corp cladire c4 etaj 2
013685 Bucuresti

Region
Macroregiunea Trei > București-Ilfov > București

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
€ 35 750,00

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MTU AUSTRALO ALPHA LAB

Estonia

Net EU contribution
€ 215 625,00
POLITECNICO DI TORINO

Address
Corso duca degli abruzzi 24
10129 Torino

Region
Nord-Ovest > Piemonte > Torino

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
UNIVERSITAT POLITECNICA DE CATALUNYA

Spain

Net EU contribution

€ 383 750,00

Address
Calle jordi girona 31
08034 Barcelona

Region
Este > Cataluña > Barcelona

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

CONSIGLIO NAZIONALE DELLE RICERCHE

Italy

Net EU contribution

€ 170 875,00

Address
Piazzalealdo moro 7
00185 Roma

Region
Centro (IT) > Lazio > Roma

Activity type
Research Organisations

Links

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

Other funding

€ 0,00
UNIVERSITA DEGLI STUDI DI PADOVA

Italy

Net EU contribution

€ 74 750,00

Address
Via 8 febbraio 2
35122 Padova

Region
Nord-Est > Veneto > Padova

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

Partners (1)

INTERDIGITAL EUROPE LTD

United Kingdom

Net EU contribution

€ 0,00

Address
64 great eastern street
EC2A 3QR London

Region
London > Inner London — East > Hackney and Newham

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

No data

Last update: 25 November 2022

Permalink: https://cordis.europa.eu/project/id/101095890

European Union, 2023