A SCALABLE AND PRACTICAL PRIVACY-PRESERVING FRAMEWORK

Fact Sheet

Project Information

ENCYRYPT

Grant agreement ID: 101070670

DOI

10.3030/101070670

Funded under

Civil Security for Society

Total cost

€ 4 392 540,00

EU contribution

€ 4 392 540,00

Start date

1 July 2022

End date

30 June 2025

Coordinated by

EXUS SOFTWARE
MONOPROSOPI ETAIRIA
PERIORISMEIS EVTHINIS

Гreece

Project description

Privacy-preserving framework for cross-border data processing

The Big Data revolution has created many new opportunities for research and industry. However, privacy concerns remain, particularly when processing Big Data. With this in mind, the EU-funded ENCRYPT project will address the challenges. It will develop a scalable framework for processing data stored in federated cross-border data spaces. ENCRYPT framework will provide a recommendation engine for end users to personalise their privacy preferences based on the sensitivity of their data and the trade-off between security and performance. In-lab tests and real-world use cases across various sectors (health, cybersecurity and finance) will validate the
framework. The project is led by a consortium of 14 partners, including companies, research institutes and universities.

**Fields of science**

- natural sciences ➔ computer and information sciences ➔ software
- natural sciences ➔ computer and information sciences ➔ data science ➔ big data
- natural sciences ➔ computer and information sciences ➔ computer security

**Programme(s)**

- HORIZON.2.3 - Civil Security for Society
- HORIZON.2.3.3 - Cybersecurity

**Topic(s)**

- HORIZON-CL3-2021-CS-01-04 - Scalable privacy-preserving technologies for cross-border federated computation in Europe involving personal data

**Call for proposal**

- HORIZON-CL3-2021-CS-01

See other projects for this call

**Funding Scheme**

- RIA - Research and Innovation action

**Coordinator**

EXUS SOFTWARE MONOPROSOPI ETAIRIA PERIORISMENIS EVTHINIS

Net EU contribution

€ 633 750,00

Address

Theanous 15
118 54 Athens
Greece

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
€ 0,00

Participants (12)

ENGINEERING - INGEGNERIA INFORMATICA SPA
Italy
Net EU contribution
€ 407 500,00

Address
Piazzale dell'agricoltura 24
00144 Roma

Region
Centro (IT) > Lazio > Roma

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

ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS
Greece

Net EU contribution
€ 400 625,00

Address
Charilaou thermi road 6 km
57001 Thermi thessaloniki

Region
Βόρεια Ελλάδα > Κεντρική Μακεδονία > Θεσσαλονίκη

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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EIGHT BELLS LTD

Cyprus

Net EU contribution
€ 337 500,00

Address
Armenias 35 strovolos
2003 Nicosia

SME
Yes

Region
Κύπρος > Κύπρος > Κύπρος

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
COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES

France

Net EU contribution

€ 543 906,25

Address

Rue leblanc 25
75015 Paris

Region

Ile-de-France > Ile-de-France > Paris

Activity type

Research Organisations

Links

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

Other funding

€ 0,00

TRUST UP SRL

Italy

Net EU contribution

€ 511 250,00

Address

Via francesco petrarca 80
80123 Napoli

SME

Yes

Region

Sud > Campania > Napoli

Activity type

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

Links

Contact the organisation
ARISTOTELIO PANEPISTIMIO THESSALONIKIS

Greece

Net EU contribution

€ 309,687,50

Address

Kedea building, tritis septemvriou, aristotle university campus
546 36 Thessaloniki

Region

Βόρεια Ελλάδα > Κεντρική Μακεδονία > Θεσσαλονίκη

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

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DBC EUROPE

Belgium

Net EU contribution

€ 376,250,00

Address

Rond point robert schuman 6
1040 Bruxelles

SME

Yes

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

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

TILBURG UNIVERSITY- UNIVERSITEIT VAN TILBURG
Netherlands

Net EU contribution
€ 391 782,50

Address
Warandelaan 2
5037 AB Tilburg

Region
Zuid-Nederland > Noord-Brabant > Midden-Noord-Brabant

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

UNIVERSITA DEGLI STUDI DI NAPOLI FEDERICO II
Italy

Net EU contribution
€ 199 062,50
Address
Corso umberto i, 40
80138 Napoli

Region
Sud > Campania > Napoli

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

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SYNETAIRISTIKI TRAPEZA IPEIROU SYN.P.E.

Address
6 patr. ioakim str and karapanoy str
452 21 Ioannina

Region
Βόρεια Ελλάδα > Ήπειρος > Ιωάννινα

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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JOHANN WOLFGANG GOETHE-UNIVERSITAET FRANKFURT AM MAIN

Greece

Other funding
€ 0,00
UNIVERSITÄTSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITÄT MAINZ

Germany
Net EU contribution
€ 99 720,00
Address
Langenbeckstrasse 1
55131 Mainz
Region
Rheinland-Pfalz > Rheinhessen-Pfalz > Mainz, Kreisfreie Stadt
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
THE UNIVERSITY OF MANCHESTER

United Kingdom

Net EU contribution

€ 0,00

Address

Oxford road
M13 9PL Manchester

Region

North West (England) > Greater Manchester > Manchester

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

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