Agile and Cognitive Cloud edge Continuum management

Fact Sheet

Project Information

**AC3**
Grant agreement ID: 101093129

**DOI**
10.3030/101093129

**Start date**
1 January 2023

**End date**
31 December 2025

**Funded under**
Digital, Industry and Space

**Total cost**
€ 5 975 500,00

**EU contribution**
€ 5 975 000,00

**Coordinated by**
ATHINA-EREVNITIKO KENTRO KAINOTOMIAS STIS TECHNOLOGIES TIS PLIROFORIAS, TON EPIKOINONION KAI TIS GNOSIS Greece

Project description

New platform enables the transition from data centres to the edge

Edge computing ensures that data is managed closely to the originated source, e.g. smart user devices, rather than being transmitted to data centres for being processed. This distributed computing paradigm allows better control over data and reduces costs, while also enabling streamlined operations. The EU-funded AC3 project will seek to develop an agile framework to efficiently manage data in the cloud-edge computing continuum. The envisaged framework will play a critical role in increasing service scalability, agility and effectiveness. With a microservice
architecture, it will be able to adapt to different network contexts and events, such as lack of resources, data deluge or movement of data sources.

Keywords

Cloud-Edge Computing Continuum  Data management  IoT  AI  ML

XAI  Cloud-native applications  Green management

Programme(s)

HORIZON.2.4 - Digital, Industry and Space  MAIN PROGRAMME

HORIZON.2.4.7 - Advanced Computing and Big Data

Topic(s)

HORIZON-CL4-2022-DATA-01-02 - Cognitive Cloud: AI-enabled computing continuum from Cloud to Edge (RIA)

Call for proposal

HORIZON-CL4-2022-DATA-01

See other projects for this call

Funding Scheme

HORIZON-RIA - HORIZON Research and Innovation Actions

Coordinator

ATHINA-EREVNIKO KENTRO KAINOTOMIAS STIS TECHNOLOGIES TIS PLIROFORIAS, TON EPIKOINONION KAI TIS GNOSIS

Net EU contribution

€ 531 250,00
Address
Artemidos 6 kai epidavrou
151 25 Maroussi
Greece

Region
Αττική > Αττική > Βόρειος Τομέας Αθηνών

Activity type
Research Organisations

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

Other funding
€ 0,00

Participants (14)

EURECOM GIE
France
Net EU contribution
€ 520 450,00

Address
Route des chappes 450 campus sophia antipolis
06410 Biot

Region
Provence-Alpes-Côte d’Azur > Provence-Alpes-Côte d’Azur > Alpes-Maritimes

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
IBM IRELAND LIMITED

Ireland

Net EU contribution

€ 479,925,00

Address

Bd 2 ibm technology campus damastown industrial pa mulhuddart
D15 HN66 Dublin

Region

Ireland > Eastern and Midland > Dublin

Links

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

Other funding

€ 0,00

CLOUD SOFTWARE GROUP HELLAS MONOPROSOPI ETAIRIA PERIORISMENIS EVTHINIS

Greece

Net EU contribution

€ 412,500,00

Address

Eo kato-ano kastritsiou 4
265 04 Kato kastritsi patras

Region

Κεντρική Ελλάδα > Δυτική Ελλάδα > Αχαΐα

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

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HEWLETT PACKARD ITALIANA SRL

Italy

Net EU contribution
€ 385 000,00

Address
Via g di vittorio 9
20063 Cernusco sul naviglio mi

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

Other funding
€ 0,00

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THIRD-PARTY

HEWLETT-PACKARD CUSTOMER DELIVERY SERVICES ITALIA SRL

Italy

Net EU contribution
€ 175 000,00

Address
Via zoe fontana 220, edificio c
00131 Roma

Region
Centro (IT) > Lazio > Roma

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
ARSYS INTERNET SL
Spain
Net EU contribution
€ 416 250,00
Address
Madre de dios 21
26004 Logrono la rioja
Region
Noreste > La Rioja > La Rioja
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

IONOS SE
Germany
Net EU contribution
€ 387 500,00
Address
Elgendorfer strasse 57
56410 Montabaur
Region
Rheinland-Pfalz > Koblenz > Westerwaldkreis
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
RED HAT ISRAEL LTD

Israel

Net EU contribution
€ 521 250,00

Address
34 jerusalem road, building a 1st
4350108 Ra anana

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

SPARK WORKS LIMITED

Ireland

Net EU contribution
€ 358 125,00

Address
Unit 2b, galway technology centre mervue business & technology park, wellpark road
H91 AHR1 Galway

Region
Ireland > Northern and Western > West

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

Cyprus

Net EU contribution

€ 427 500,00

Address

26 nikou & despinas pattchi
3071 Limassol

SME

Yes

Region

Κύπρος

Links

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

FINGLETEK OY

Finland

Net EU contribution

€ 489 375,00

Address

Isonkorventie 6 c 18
02970 Espoo

Region

Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
IQUADRAT INFORMATICA SL
Spain
Net EU contribution
€ 448,125.00
Address
Calle doctor rizal 10, p.bj2 pta 2
08006 Barcelona
SME
Yes
Region
Este > Cataluña > Barcelona
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

UNIVERSIDAD COMPLUTENSE DE MADRID
Spain
Net EU contribution
€ 152,000.00
Address
Avenida de seneca 2
28040 Madrid
Region
Comunidad de Madrid > Comunidad de Madrid > Madrid
Activity type
UNIVERSITY OF PIRAEUS RESEARCH CENTER

Greece

Net EU contribution

€ 270 750,00

Address

Al. papanastasiou 91
185 33 Piraeus

Region

Αττική > Αττική > Πειραιάς

Activity type

Higher or Secondary Education Establishments

Other funding

€ 500,00

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