nexT gEneRation sMart INterconnectEd iOT

Fact Sheet

Project Information

TERMINET
Grant agreement ID: 957406

Funded under
INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

DOI
10.3030/957406

Closed project

EC signature date
30 July 2020

Total cost
€ 7 998 285,00

EU contribution
€ 7 998 285,00

Coordinated by
PANEPISTIMIO DYTIKIS MAKEDONIAS

Greece

Start date
1 November 2020

End date
31 January 2024

Project description

Making it simple to connect devices

Tens of billions of devices are connected to the Internet of Things (IoT), and the number of connections is growing every second. Information is being constantly sent and received from one smart device to another. Based on cutting-edge technologies such as software-defined networking (SDN), multiple-access edge computing, and virtualisation for next-generation IoT, the EU-funded TERMINET project will develop
a novel next-generation reference architecture. Its main aim is to simplify the connection of a vast number of different devices through a flexible SDN-enabled middleware layer. To improve supply chain processes, the project will design an IoT-driven decentralised and distributed blockchain framework within manufacturing. TERMINET’s approach will be tested in real-life situations such as energy, smart buildings, smart farming, healthcare and manufacturing.

Fields of science

natural sciences > computer and information sciences > internet > internet of things
natural sciences > computer and information sciences > computer security > cryptography
social sciences > economics and business > business and management > business models
engineering and technology > materials engineering
engineering and technology > electrical engineering, electronic engineering, information engineering > electronic engineering > robotics > autonomous robots > drones

Keywords

TERMINET

Programme(s)

H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

Topic(s)

ICT-56-2020 - Next Generation Internet of Things

Call for proposal

H2020-ICT-2018-20

See other projects for this call

Sub call
H2020-ICT-2020-1

Funding Scheme

RIA - Research and Innovation action

Coordinator

PANEPISTIMIO DYTIKIS MAKEDONIAS

Net EU contribution

€ 889 500,00

Address

PARKO AGIOU DIMITRIOU 1
501 00 KOZANI
Greece

Region

Βόρεια Ελλάδα > Δυτική Μακεδονία > Γρεβενά

Activity type

Higher or Secondary Education Establishments

Links

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

Total cost

€ 889 500,00

Participants (26)

ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS

Greece

Net EU contribution

€ 505 000,00

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

Total cost
€ 505 000,00

KAROLINSKA INSTITUTET

Sweden

Net EU contribution
€ 199 687,50

Address
Nobels Vag 5
17177 Stockholm

Region
Östra Sverige > Stockholm > Stockholms län

Activity type
Higher or Secondary Education Establishments

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

Total cost
€ 199 687,50

DIMOSIA EPICHEIRISI ILEKTRISMOU ANONYMI ETAIREIA

Greece

Net EU contribution
ARISTOTELIO PANEPISTIMIO THESSALONIKIS

Greece

Net EU contribution

€ 239 375,00

Address

KEDEA BUILDING, TRITIS SEPMVRIOU, 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

Total cost

€ 239 375,00

SCHNEIDER ELECTRIC ESPANA SA
Spain

Net EU contribution

€ 196 875,00

Address

BAC DE RODA 52 EDIF A
08019 Barcelona

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

Total cost

€ 196 875,00

FUTURE INTELLIGENCE LTD

United Kingdom

Net EU contribution

€ 466 562,50

Address

REGENT STREET 207 3RD FLOOR
W1B 3HH London

SME

Yes

Region

London > Inner London — West > Westminster

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
ERICSSON TELECOMUNICAZIONI SPA

Italy

Net EU contribution

€ 410 625,00

Address

VIA ANAGNINA 203
00118 Roma

Region

Centro (IT) > Lazio > Roma

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

Total cost

€ 410 625,00

INNOVATION SPRINT

Belgium

Net EU contribution

€ 216 875,00

Address

RUE CLOS CHAPELLE-AUX-CHAMPS 30 BTE 1.3.30
1200 Bruxelles / Brussel

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

Total cost
€ 216 875,00

AMERICAN FARM SCHOOL POST SECONDARY EDUCATIONAL AND TRAINING ASSOCIATION
Greece

Net EU contribution
€ 167 937,50

Address
MARINOU ANTYPA 54 23
57001 THESSALONIKI

Region
Βόρεια Ελλάδα > Κεντρική Μακεδονία > Θεσσαλονίκη

Activity type
Higher or Secondary Education Establishments

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

Total cost
€ 167 937,50

NETCOMPANY-INTRASOFT SA
Luxembourg

Net EU contribution
€ 426 250,00

Address
RUE NICOLAS BOVE 2B
1253 Luxembourg

Region
Luxembourg > Luxembourg > Luxembourg

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

Total cost
€ 426 250,00

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WELLNESS TELECOM SL
Spain

Net EU contribution
€ 169 875,00

Address
CALLE GREGOR J. MENDEL 6 PLANTA 1 EDIFICIO DA VINC
41092 Sevilla

Region
Sur > Andalucía > Sevilla

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

Total cost
€ 169 875,00

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SIDROCO HOLDINGS LIMITED
Cyprus

Net EU contribution
Address
KOLOKOTRONI 6
1101 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

Total cost
€ 291 562,50

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GIOUMPITEK MELETI SCHEDIASMOS YLOPOIISI KAI POLISI ERGON
PLIROFORIKIS ETARIEIA PERIORISMENIS EFTHYNIS

Greece

Net EU contribution
€ 418 125,00

Address
MITHRIDATOU 36-38
11632 Athina

SME
Yes

Region
Αττική > Αττική > Κεντρικός 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

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Total cost
€ 418 125,00

INCITES CONSULTING SA
Luxembourg
Net EU contribution
€ 230 000,00
Address
130 ROUTE D’ARLON
8008 Strassen
SME
Yes
Region
Luxembourg > Luxembourg > Luxembourg
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
Total cost
€ 230 000,00

EIGHT BELLS LTD
Cyprus
Net EU contribution
€ 261 875,00
Address
ARMENIAS 35 STROVOLOS
2003 Nicosia
SME
Yes
Region
MAKEDONIKI VIOMIHANIA GALAKTOS ANONIMOS ETERIA (MEVGAL SA)

Greece

Net EU contribution

€ 103 125,00

Address

KOYFALIA
57100 Koyfalia, Thessaloniki

Region

Βόρεια Ελλάδα > Κεντρική Μακεδονία > Θεσσαλονίκη

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

Total cost

€ 103 125,00

ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA

Italy

Net EU contribution

€ 277 500,00

Address
VIA ZAMBONI 33
40126 Bologna
Region
Nord-Est > Emilia-Romagna > Bologna
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network
Total cost
€ 277 500,00

LOGOS RICERCA E INNOVAZIONE
Italy
Net EU contribution
€ 256 875,00
Address
VIA BONAVENTURA BERLINGHIERI 24
50142 Firenze
Region
Centro (IT) > Toscana > Firenze
Activity type
Research Organisations
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Total cost
€ 256 875,00

FUNDACION TECNALIA RESEARCH & INNOVATION
Spain
Net EU contribution
Address
PARQUE CIENTIFICO Y TECNOLOGICO DE GIPUZKOA, PASEO MIKELETEGI 2
20009 DONOSTIA-SAN SEBASTIAN (GIPUZKOA)

Region
Noreste > País Vasco > Gipuzkoa

Activity type
Research Organisations

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

Total cost
€ 287 750,00

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GEIE ERCIM

Address
ROUTE DES LUCIOLES 2004 SOPHIA ANTIPOLIS
06410 Biot

SME
Yes

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

Activity type
Other

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

Total cost
€ 250 000,00
NEC LABORATORIES EUROPE GMBH

Germany

Net EU contribution

€ 445 472,50

Address

KURFURSTEN-ANLAGE 36
69115 Heidelberg

Region

Baden-Württemberg > Karlsruhe > Heidelberg, 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

Total cost

€ 445 472,50

MARTEL GMBH

Switzerland

Net EU contribution

€ 409 187,50

Address

UBERLANDSTRASSE 111
8600 Dubendorf

SME

Yes

Region

Schweiz/Suisse/Svizzera > Zürich > Zürich

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

Total cost

€ 409 187,50

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OPTINVENT

France

Net EU contribution

€ 245 625,00

Address

14E RUE DU PATIS TATELIN METROPOLIS II
35700 Rennes

SME

Yes

Region

Bretagne > Bretagne > Ille-et-Vilaine

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

Total cost

€ 245 625,00

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FUNDACIO PRIVADA I2CAT, INTERNET I INNOVACIO DIGITAL A CATALUNYA

Spain

Net EU contribution

€ 263 250,00

Address

CALLE GRAN CAPITA 2-4, EDIFICI NEXUS I
08034 Barcelona

Region

Este > Cataluña > Barcelona
FONDAZIONE POLICLINICO UNIVERSITARIO AGOSTINO GEMELLI IRCCS

Italy

Net EU contribution

€ 103 125,00

Address

LARGO FRANCESCO VITO 1
00168 Roma

Region

Centro (IT) > Lazio > Roma

Activity type

Research Organisations

Links

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

Total cost

€ 103 125,00

ALTERUNA AB

Sweden

Net EU contribution

€ 94 375,00

Address

HALSNINGEGATAN 45
11331 Stockholm

17 of 18
SME  Yes

Region
Östra Sverige > Stockholm > Stockholms län

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

Total cost
€ 94 375,00

Last update: 27 December 2023

Permalink: https://cordis.europa.eu/project/id/957406

European Union, 2024