



Towards the development of a hydRogen valley demonstratng applications in an intEgRated EcoSystem in Greece

Fact Sheet

Project Information

TRIERES

Grant agreement ID: 101112056

DOI

[10.3030/101112056](https://doi.org/10.3030/101112056)

EC signature date

29 June 2023

Start date

1 July 2023

End date

30 April 2028

Funded under

Climate, Energy and Mobility


Total cost

€ 10 492 431,25

EU contribution

€ 7 995 825,63

Coordinated by

MOTOR OIL (HELLAS)
DIILISTIRIA KORINTHOU A.E.
 Greece

Project description

From traditional refinery to an advanced hydrogen-powered ecosystem

Greece is taking centre stage in the global shift to sustainable innovation. A convergence of industry, academia and research, technology providers, and public authorities has resulted in the TRIERES Hydrogen Valley, which is anchored around the Motor Oil Corinth Refinery complex as a future hydrogen generator. The EU-funded TRIERES project will support this endeavour: from short-sea ferries to public transport buses and passenger cars, it will showcase hydrogen's potential in mobility, complemented by collaborative efforts in the energy and industry sectors. The

TRIERES valley is not confined by geographic limitations, revealing a dynamic perspective for supra-state and regional growth and versatility in end uses. The source of inspiration was the consortium's vision of transforming a fossil-fuel dependent economy through a cutting-edge energy and hydrogen ecosystem.

Fields of science

[engineering and technology](#) > [electrical engineering, electronic engineering, information engineering](#) > [electronic engineering](#) > **[digital electronics](#)**

[social sciences](#) > [social geography](#) > [transport](#) > **[public transport](#)**

[engineering and technology](#) > [environmental engineering](#) > [energy and fuels](#) > [renewable energy](#) > **[hydrogen energy](#)**

Keywords

[Green Hydrogen](#)

[Hydrogen Valley](#)

[Maritime Mobility](#)

[Road Mobility](#)

[Industry](#)

[Energy](#)

Programme(s)

[HORIZON.2.5 - Climate, Energy and Mobility](#)

MAIN PROGRAMME

Topic(s)

[HORIZON-JTI-CLEANH2-2022-06-02 - Hydrogen Valleys \(small-scale\)](#)

Call for proposal

[HORIZON-JTI-CLEANH2-2022-2](#)

[See other projects for this call](#)

Funding Scheme

[HORIZON-JU-IA - HORIZON JU Innovation Actions](#)

Coordinator



MOTOR OIL (HELLAS) DIILISTIRIA KORINTHOU A.E.

Net EU contribution

€ 2 280 162,50

Total cost

€ 3 454 375,00

Address

12A IRODOU ATTIKOU
151 24 MAROUSSI ATHINA

Greece

Region

Αττική > Αττική > Βόρειος 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](#)

Participants (24)

THIRD-PARTY

AVINOIL VIOMICHANIKI EMPORIKI KAI NAFTILIAKI ETAIREIA PETRELAION MONOPROSOPI ANONYMI ETAIREIA

Greece

Net EU contribution

€ 55 125,00

Address

IRODOU ATTIKOU 12 A
151 24 MAROUSI

Region

Αττική > Αττική > Βόρειος 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](#) 

Total cost

€ 78 750,00

 **THIRD-PARTY** 


LPC MONOPROSOPI ANONYMI ETAIREIA EPEXERGASIAS KAI EMPORIAS LIPANTIKON KAI PETRELAIOEIDON PROIONTON

 Greece

Net EU contribution

€ 47 775,00

Address

MEGARIDOS 124
19300 Aspropyrgou 

Region

Αττική > Αττική > Δυτική Αττική

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

€ 68 250,00

 **THIRD-PARTY** 

DIORYGA GAS MONOPROSOPI ANONYMI ETAIREIA FYSIKOU AERIOU

 Greece

Net EU contribution

€ 35 000,00

Address

IRODOU ATTIKOU 12A
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](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 50 000,00



"NATIONAL CENTER FOR SCIENTIFIC RESEARCH ""DEMOKRITOS"""

Greece

Net EU contribution

€ 197 500,00

Address

**END OF PATRIARCHOU GRIGORIOU E AND 27 NEAPOLEOS STREET
15341 Agia Paraskevi**

Region

Αττική > Αττική > Βόρειος Τομέας Αθηνών

Activity type

Research Organisations

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 197 500,00



IDRYMA TECHNOLOGIAS KAI EREVNAS

Greece

Net EU contribution

€ 285 000,00

Address

N PLASTIRA STR 100

70013 Irakleio 

Region

Νησιά Αιγαίου > Κρήτη > Ηράκλειο

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 285 000,00



NEW ENERGY ENVIROMENTAL SOLUTIONS & TECHNOLOGIES EE

 Greece

Net EU contribution

€ 297 500,00

Address

PATRIARCHOU GRIGORIOU E NEAPOLEOS 27

153 41 AGIA PARASKEVI 

Region

Αττική > Αττική > Βόρειος 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](#) 

Total cost

€ 425 000,00




FEN RESEARCH GMBH

 Austria

Net EU contribution

€ 267 475,00

Address

TECHNIKERSTRASSE 1
6020 Innsbruck 

Region

Westösterreich > Tirol > Innsbruck

Activity type

Research Organisations

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 267 475,00



HYDRUS ANOTATI SYNEKTIKI MICHANIKI ETAIREIA SYMVOULON ANONYMI ETAIREIA

 Greece

Net EU contribution

€ 140 437,50

Address

515 MESOGEION AVENUE
153 42 AGIA PARASKEVI 

SME 

Yes

Region

Αττική > Αττική > Βόρειος 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](#) 

Total cost

€ 200 625,00



PIRAEUS PORT AUTHORITY SA

Greece

Net EU contribution

€ 493 500,00

Address

AKTI MIAOULI 10
18538 Piraeus

Region

Αττική > Αττική > Πειραιάς

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

€ 705 000,00



ETHNICON METSOVION POLYTECHNION

Greece

Net EU contribution

€ 478 500,00

Address

HEROON POLYTECHNIOU 9 ZOGRAPHOU CAMPUS
157 72 ATHINA

Region

Αττική > Αττική > Κεντρικός Τομέας Αθηνών

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 478 500,00



RIJKSUNIVERSITEIT GRONINGEN

 Netherlands

Net EU contribution

€ 352 500,00

Address

Broerstraat 5
9712CP Groningen 

Region

Noord-Nederland > Groningen > Overig Groningen

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 352 500,00



NOVA TELECOMMUNICATIONS & MEDIA SINGLE MEMBER SA

 Greece

Net EU contribution

€ 138 687,50

Address

LEOFOROS ATHINON 106
104 42 ATHINA 

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](#) 

Total cost

€ 198 125,00



ELLINIKI ETAIREIA SYMMETOCHON KAI PERIOUSIAS A.E.- HELLENIC CORPORATION OF ASSETS AND PARTICIPATION S.A.

 Greece

Net EU contribution

€ 115 937,50

Address

KARAGIORGI SERVIAS 4
10562 ATHINA 

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](#) 

Total cost

€ 165 625,00



STICHTING NEW ENERGY COALITION

 Netherlands

Net EU contribution

€ 262 500,00

Address

NIJENBORGH 6
9747AG Groningen 

Region

Noord-Nederland > Groningen > Overig Groningen

Activity type

Other

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 262 500,00



OLYMPIA ODOS ANONYMI ETAIRIA PARACHORISIS GIA TON AUTOKINITODROMO ELEUSINA KORINTHOS PATRA PYRGOS TSAKONA

 Greece

Net EU contribution

€ 170 625,00

Address

RIZAREIOU 4

152 33 CHALANDRI 

Region

Αττική > Αττική > Βόρειος 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](#) 

Total cost

€ 243 750,00



DIMOSIA EPICHEIRISI ILEKTRISMOU ANONYMI ETAIREIA

 Greece

Net EU contribution

€ 98 188,13

Address

CHALKOKONDYLI STREET 30

104 32 Athina 

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](#) 

Total cost

€ 140 268,75



PERIFEREA PELOPONNISOU

 Greece

Net EU contribution

€ 101 937,50

Address

ETHNARCHOU MAKARIOU SQUARE

22100 Tripolis 

Region

Κεντρική Ελλάδα > Πελοπόννησος > Αργολίδα

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 101 937,50



DIMOS LOUTRAKIOU-PERACHORAS-AGION THEODORON

 Greece

Net EU contribution

€ 175 000,00

Address

IASONOS, 1
203 00 LOUTRAKI 

Region

Κεντρική Ελλάδα > Πελοπόννησος > Κορινθία

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 175 000,00



ECOFERRY NAYTIKI ETAIREIA

 Greece

Net EU contribution

€ 1 057 000,00

Address

"VIPA SCHISTOU 13 KERATSINIYOU # SKARAMAGAS AVENUE"

188 63 PIRAEUS 

SME 

Yes

Region

Αττική > Αττική > Πειραιάς

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

€ 1 510 000,00



FULGOR MONOPROSOPI ANONYMI ETERIA ELLINIKI VIOMIXANIA KALODION

 Greece

Net EU contribution

€ 96 906,25

Address

MESOGEION PYRGOS ATHINON 2-4

115 27 Athina 

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](#) 

Total cost

€ 138 437,50



OMOSPONDIA ERGODOTON & VIOMICHANON KYPROU

 Cyprus

Net EU contribution

€ 50 000,00

Address

4 CYPRUS EMPLOYERS & INDUSTRIALISTS FEDERATION STREET

2000 Nicosia 

SME 

Yes

Region

Κύπρος > Κύπρος > Κύπρος

Activity type

Other

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 50 000,00



KITION OCEAN PORT LTD

 Cyprus

Net EU contribution

€ 35 000,00

Address

ARTEMISOS & NIKOS DIMITRIOU, 54B, S FLOOR 4
6031 Larnaca 

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

€ 50 000,00



ANONYMOS ETAIREIA DIORYGAS KORINTHOU AE

 Greece

Net EU contribution

€ 54 031,25

Address

AKADIMIAS 16
106 71 ATHENS 

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](#) 

Total cost

€ 77 187,50



ODIKES SYGKOINONIES ANONYMI ETAIREIA

 Greece

Net EU contribution

€ 709 537,50

Address

PARNASOU 6

18233 Agios Ioannis Rentis 

Region

Αττική > Αττική > Πειραιάς

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

€ 1 013 625,00

Partners (1)



PARTNER 

HYDROGEN EGYPT H2EG

 Egypt

Net EU contribution

€ 0,00

Address

3 ROAD 284 NEW MAADI

00000 CAIRO 

SME 

Yes

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

No data

Last update: 7 July 2023

Permalink: <https://cordis.europa.eu/project/id/101112056>

European Union, 2024