## Project Information

### FirEUrisk

Grant agreement ID: 101003890

### DOI

10.3030/101003890

### Funded under

SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials

### Total cost

€ 10 539 794

### EU contribution

€ 10 271 044

### Coordinated by

ASSOCIACAO PARA O DESENVOLVIMENTO DA AERODINAMICA INDUSTRIAL

Portugal

## Project description

### An innovative strategy for wildfire risk assessment

Wildfires represent a significant challenge for both society and the economy. The EU-funded FirEUrisk project will develop, assess, and promote a science-based integrated strategy to improve existing wildland fire risk assessment, create efficient methods to reduce fire risk and adapt management strategies for future climate and socioeconomic changes. The project will connect researchers, stakeholders, and
citizens, combining innovative techniques, and policy recommendations to improve existing systems and methods on a regional and EU level. A risk-centred management strategy integrating wildfire prevention, suppression, and restoration practices and policies and implementing an operational platform of coordination, professional training, and exercises will address mega-fires, the wildland urban interface, and the fire challenges in Northern Europe.

**Objective**

FIREURISK will develop, evaluate and disseminate a science-based integrated strategy to: 1) expand current wildland fire risk assessment systems, including critical factors of risk previously not covered; 2) produce effective measures to reduce current fire risk conditions, and 3) adapt management strategies to expected future climate and socio-economic changes. This will be achieved in close collaboration between researchers, stakeholders and citizens, integrating novel technologies, guidelines and policy recommendations to improve current systems and practices from regional to EU scales. The project will address all wildfire types, with particular focus on mega-fires, the Wildland Urban Interface and fire challenges in the Northern EU. A risk-centred management strategy will integrate wildfire prevention, suppression and restoration practices and policies in a holistic conceptual framework, and implement an operational platform that supports joint coordination, professional training and operational exercises, involving multiple stakeholders and addressing all relevant wildfire management tasks, to improve protection of citizens exposed to wildfires.

FIREURISK will (a) model socio-economic issues and human activity influencing fire ignition, vulnerability and exposure, (b) evaluate the impact of National and EU policies on land use change, rural economy and development, in context of expected future fire regime changes, and (c) consider potential cascading effects linked to wildfire situations. This will allow FIREURISK to deliver innovative risk-informed regional planning approaches that are effective in increasing the resilience of local communities, ensuring safety and enhancing protection of assets and economic activity. The resulting advances in fire risk reduction will be linked to innovative organisational and efficient business models that promote cost-effective bio-economy and nature-based solutions.

**Fields of science**

social sciences > sociology > governance > crisis management
social sciences > economics and business > economics > sustainable economy

**Programme(s)**
H2020-EU.3.5. - SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials

H2020-EU.3.5.1. - Fighting and adapting to climate change
H2020-EU.3.5.2. - Protection of the environment, sustainable management of natural resources, water, biodiversity and ecosystems

**Topic(s)**

LC-CLA-15-2020 - Forest Fires risk reduction: towards an integrated fire management approach in the E.U.

**Call for proposal**


See other projects for this call

**Sub call**

H2020-LC-CLA-2020-2

**Funding Scheme**

RIA - Research and Innovation action

**Coordinator**

ASSOCIACAO PARA O DESENVOLVIMENTO DA AERODINAMICA INDUSTRIAL

Net EU contribution

€ 470,042,30

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Rua Pedro Hispano 12
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Portugal

Region

Continente > Centro (PT) > Região de Coimbra

Activity type

Research Organisations
Participants (43)

THIRD-PARTY
AUTORIDADE NACIONAL DE EMERGENCIA EPROTECAO CIVIL
Portugal
Net EU contribution
€ 29 996.34
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Avenida Do Forte De Carnaxide
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Region
Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa
Activity type
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
Links
Contact the organisation
Participation in EU R&I programmes
H2020 collaboration network
Non-EU contribution
€ 0.00

THIRD-PARTY
UNIVERSIDADE DE COIMBRA
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€ 59 999.35
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THIRD-PARTY
INSTITUTO DA CONSERVACAO DA NATUREZA E DAS FLORESTAS IP
Portugal
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Non-EU contribution
€ 0,00

UNIVERSIDAD DE ALCALA
Spain
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€ 530 000,00
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Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type
Higher or Secondary Education Establishments

Links
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Non-EU contribution
€ 0,00

KENTRO MELETON ASFALEIAS

Greece

Net EU contribution
€ 489 062,50

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Κεντρικός Τομέας Αθηνών > Αττική > Αττική

Activity type
Research Organisations

Links
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Non-EU contribution
€ 0,00

ASSOCIATION PEGASE

France

Net EU contribution
€ 241 562,50
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SME
Yes

Region
Provence-Alpes-Côte d'Azur > Provence-Alpes-Côte d'Azur > Bouches-du-Rhône

Activity type
Other

Links
Contact the organisation
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Participation in EU R&I programmes
H2020 collaboration network

Non-EU contribution
€ 0,00

THIRD-PARTY
RAMBOLL FRANCE SAS
France
Net EU contribution
€ 79 687,50

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

Links
Contact the organisation
Participation in EU R&I programmes
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€ 0,00
EUROPEAN UNIVERSITY - CYPRUS LTD

Cyprus

Net EU contribution
€ 325 750,00

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Κύπρος > Κύπρος > Κύπρος

Activity type
Higher or Secondary Education Establishments

Links
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Participation in EU R&I programmes
H2020 collaboration network

Non-EU contribution
€ 0,00

UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA

Italy

Net EU contribution
€ 180 187,50

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Piazzale Aldo Moro 5
00185 Roma

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Centro (IT) > Lazio > Roma

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation
Website
Participation in EU R&I programmes
H2020 collaboration network

Non-EU contribution
€ 0,00
SENCKENBERG GESELLSCHAFT FUR NATURFORSCHUNG

Germany

Net EU contribution

€ 273,701,30

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Senckenberganlage 25
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Region

Darmstadt > Frankfurt am Main, Kreisfreie Stadt

Activity type

Other

Links

Contact the organisation
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Participation in EU R&I programmes
H2020 collaboration network

Non-EU contribution

€ 0,00

---

TECHNISCHE UNIVERSITAET DRESDEN

Germany

Net EU contribution

€ 299,187,50

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Helmholtzstrasse 10
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Sachsen > Dresden > Dresden, Kreisfreie Stadt

Activity type

Higher or Secondary Education Establishments

Links

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H2020 collaboration network

Non-EU contribution

€ 0,00
RISE RESEARCH INSTITUTES OF SWEDEN AB

Sweden

Net EU contribution

€ 303 000,00

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Brinellgatan 4
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Södra Sverige > Västsverige > Västra Götalands län

Activity type

Research Organisations

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Non-EU contribution

€ 0,00

UNIVERSIDAD DE CORDOBA

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€ 180 000,00

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Andalucía > Córdoba

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METEOGRID SL
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€ 289 687,50
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Private for-profit entities (excluding Higher or Secondary Education Establishments)
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Participation in EU R&I programmes
H2020 collaboration network

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Югозападна и Южна централна България > Югозападен > София (столица)
Activity type
Higher or Secondary Education Establishments

Links

Contact the organisation Website Participation in EU R&I programmes H2020 collaboration network

Non-EU contribution € 0,00

INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE IN SILVICULTURA MARIN DRACEA

Romania

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077190 Ilfov Voluntari

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Macroregiunea Trei > București-Ilfov > Ilfov

Activity type

Research Organisations

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Non-EU contribution € 0,00

STICHTING VU

Netherlands

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1081 HV Amsterdam

Region

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West-Nederland > Noord-Holland > Groot-Amsterdam

Activity type
Higher or Secondary Education Establishments

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Non-EU contribution
€ 0,00

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SVEUCILISTE U SPLITU, FAKULTET ELEKTROTEHNIKE, STROJARSTVA I BRODOGRADNJE

Croatia
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€ 180 000,00

Address
Ulica Rudjera Boskovica 32
21000 Split

Region
Hrvatska > Jadranska Hrvatska > Splitsko-dalmatinska županija

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation  Website  Participation in EU R&I programmes  H2020 collaboration network

Non-EU contribution
€ 0,00

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CONSIGLIO NAZIONALE DELLE RICERCHE

Italy
Net EU contribution
€ 380 625,00

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THE JAMES HUTTON INSTITUTE
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€ 289 955,01
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Perth & Kinross and Stirling
Activity type
Research Organisations
Links
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Non-EU contribution
€ 0,00

OY ARBONAULT LTD
Finland
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€2 02 000
270 250,00

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Kaislakatu 2
80130 Joensuu

SME
Yes

Region
Manner-Suomi > Pohjois- ja Itä-Suomi > Pohjois-Karjala

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

Links
Contact the organisation 🖥️ Website 🖥️
Participation in EU R&I programmes 🖥️
H2020 collaboration network 📚

Non-EU contribution
€ 0,00

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ILMATIETEEN LAITOS

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€ 353 750,00

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Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

Activity type
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Non-EU contribution
€ 0,00
"NATIONAL CENTER FOR SCIENTIFIC RESEARCH ""DEMOKRITOS"""

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Net EU contribution
€ 180 000,00

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Region
Βόρειος Τομέας Αθηνών > Αττική > Αττική

Activity type
Research Organisations

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H2020 collaboration network

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Activity type
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Non-EU contribution
€ 0,00
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Higher or Secondary Education Establishments
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Non-EU contribution
€ 0,00

UNIVERSIDAD DE LLEIDA
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€ 279 989,87
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Este > Cataluña > Lleida
Activity type
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€ 0,00
ISTITUTO DI SOCIOLOGIA INTERNAZIONALE DI GORIZIA ISIG

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€ 270 000,00

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Nord-Est > Friuli-Venezia Giulia > Gorizia

Activity type
Research Organisations

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H2020 collaboration network

Non-EU contribution
€ 0,00

SCIENSEED SL

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€ 178 875,00

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SME  Yes

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

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POTSDAM-INSTITUT FUR KLIMAFOLGENFORSCHUNG EV

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€ 331 187,50

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Baden-Württemberg > Stuttgart > Stuttgart, Stadtkreis

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€ 0,00

ARISTOTELIO PANEPISTIMIO THESSALONIKIS

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€ 290 000,00

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Θεσσαλονίκη > Κεντρική Μακεδονία > Βόρεια Ελλάδα

Activity type
Higher or Secondary Education Establishments

Links

SATWAYS-OLOKLIROMENES LYSEIS ASFALEIAS KAI AMYNAS-IDIOTIKI EPICEIRISI PAROCHIS YPIRESION ASFALEIAS (IEPYA)-ETAIREEIA PERIORISMENIS EFTYNIS

Greece

Net EU contribution

€ 266 250,00

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SME

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Region

Βόρειος Τομέας Αθηνών > Αττική

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

GMV AEROSPACE AND DEFENCE SA

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Net EU contribution

€ 300 087,50

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

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H2020 collaboration network

Non-EU contribution
€ 0,00

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INSTITUTO PORTUGUES DO MAR E DA ATMOSFERA IP

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€ 179 875,00

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Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

Activity type
Other

Links
Contact the organisation
Website
Participation in EU R&I programmes
H2020 collaboration network

Non-EU contribution
€ 0,00

---

INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT

France
Net EU contribution
€ 250 350,00

Address
Contact the organisation  
Website  
Participation in EU R&I programmes  
H2020 collaboration network  

Non-EU contribution  
€ 0,00

**CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS**

France

Net EU contribution  
€ 39 060,00

Address  
Rue Michel Ange 3  
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Region  
Ile-de-France > Ile-de-France > Paris

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Website  
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H2020 collaboration network  

Non-EU contribution  
€ 0,00

**UNIVERSIDADE DE AVEIRO**

Portugal

Net EU contribution  
€ 260 000,00
Address
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Continente > Centro (PT) > Região de Aveiro

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation  Website
Participation in EU R&I programmes
H2020 collaboration network

Non-EU contribution
€ 0,00

---

KING'S COLLEGE LONDON

United Kingdom

Net EU contribution
€ 259 921,68

Address
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Region
London > Inner London — West > Westminster

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation  Website
Participation in EU R&I programmes
H2020 collaboration network

Non-EU contribution
€ 0,00

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SWANSEA UNIVERSITY

United Kingdom
Net EU contribution
€ 299 895,00

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Singleton Park
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Wales > West Wales and The Valleys > Swansea

Activity type
Higher or Secondary Education Establishments

Links
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Non-EU contribution
€ 0,00

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AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS
Spain
Net EU contribution
€ 299 779,31

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Activity type
Research Organisations

Links
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Non-EU contribution
€ 0,00
REGIONAL EASTERN EUROPE FIRE MONITORING CENTER

Ukraine

Net EU contribution

€ 180 000,00

Address

Buchmy Str., 8
02152 Kyiv

Activity type

Research Organisations

Links

Contact the organisation
Participation in EU R&I programmes
H2020 collaboration network

Non-EU contribution

€ 0,00

THIRD-PARTY

Chornobyl Radiation and Ecological Biosphere Reserve

Ukraine

Net EU contribution

€ 5 000,00

Address

28, Tolochina Str.
07201 Ivankiv, Ivankiv District, Kyiv Region

Activity type

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Contact the organisation
Participation in EU R&I programmes
H2020 collaboration network

Non-EU contribution

€ 0,00

BUSHFIRE AND NATURAL HAZARDS CRC LIMITED

Australia

Net EU contribution
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA

Canada

Net EU contribution

€ 0,00

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Higher or Secondary Education Establishments

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€ 143 750,00

EC signature date: 10 May 2021
Last update: 28 April 2022