



Effective Management of Pests and Harmful Alien Species - Integrated Solutions

Fact Sheet

Project Information

EMPHASIS

Grant agreement ID: 634179

[Project website](#)

DOI

[10.3030/634179](https://doi.org/10.3030/634179)

Project closed

EC signature date

19 February 2015

Start date

1 March 2015

End date

28 February 2019

Funded under

SOCIETAL CHALLENGES - Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy

Total cost

€ 6 636 039,50

EU contribution

€ 6 526 038,51

Coordinated by

UNIVERSITA DEGLI STUDI DI TORINO



Italy

This project is featured in...



18 May 2021



4 February 2020



Objective

EMPHASIS is a participatory research project addressing native and alien pests threats (insect pests, pathogens, weeds) for a range of both natural ecosystems and farming systems (field crops, protected crops, forestry, orchards and amenity plants). The overall goal is to ensure a European food security system and the protection of biodiversity and of ecosystems services while developing integrated mechanisms of response measures (practical solutions) to predict, to prevent and to protect agriculture and forestry systems from native and alien pests threats. The specific objectives are the following:

1. Predict Prioritize and Planning: pest management challenges and opportunities will be evaluated according to stakeholder-focused criteria and through pathway analysis;
2. Prevent: practical solutions for surveillance in different pathways to enhance preparedness will be provided to end-users, and monitoring tools following outbreaks and eradication will be developed;
3. Protect: practical solutions for managing native and alien pests in agriculture, horticulture and forestry will be developed, their technical and economic feasibility will be demonstrated and their market uptake will be enhanced.
4. Promote: a mutual learning process with end-users will be developed, and the solutions identified by the project will be promoted through training and dissemination.

The project is in line with EU policy framework (Plant Health Dir. 2000/29/EC, EU Biodiversity strategy to 2020, Dir. 2009/128/EC on sustainable use of pesticides, Roadmap to a Resource Efficient Europe) and its future developments (Reg. on protective measures against pests of plants, Reg. on Invasive Alien Species). The project is not focused on a single management systems but the plant/pest ecosystems dealt with are treated with a multi-method approach to design true IPM methodology that will be developed for key systems with portability to other similar systems, thereby having a large impact.

Fields of science (EuroSciVoc)

[agricultural sciences](#) > [agriculture, forestry, and fisheries](#) > [agriculture](#) > [agronomy](#) > **[plant protection](#)**

[agricultural sciences](#) > [agriculture, forestry, and fisheries](#) > [agriculture](#) > [grains and oilseeds](#) > **[oilseeds](#)**

[agricultural sciences](#) > [agriculture, forestry, and fisheries](#) > [agriculture](#) > [horticulture](#) > **[vegetable growing](#)**

[natural sciences](#) > [biological sciences](#) > [ecology](#) > **[ecosystems](#)**

[agricultural sciences](#) > [agriculture, forestry, and fisheries](#) > **[forestry](#)**



Programme(s)

[H2020-EU.3.2. - SOCIETAL CHALLENGES - Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy](#)

MAIN PROGRAMME

Topic(s)

[SFS-03a-2014 - Native and alien pests in agriculture and forestry](#)

Call for proposal

[H2020-SFS-2014-2015](#)

[See other projects for this call](#)

Sub call

H2020-SFS-2014-2

Funding Scheme

[RIA - Research and Innovation action](#)

Coordinator



UNIVERSITA DEGLI STUDI DI TORINO

Net EU contribution

€ 1 204 833,07

Total cost

€ 1 204 834,06

Address

VIA GIUSEPPE VERDI 8

10124 Torino

 **Italy** 

Region

Nord-Ovest > Piemonte > Torino

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Participants (23)



AGRA CEAS CONSULTING LIMITED

 **United Kingdom**

Net EU contribution

€ 156 250,00

Address

THE CAPITOL BUILDING, OLDBURY

RG12 8FZ BRACKNELL BERKSHIRE 

Region

South East (England) > Berkshire, Buckinghamshire and Oxfordshire > Berkshire

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

€ 156 250,00



AGRINEWTECH SRL

Italy

Net EU contribution

€ 201 877,50

Address

VIA LIVORNO 60

10144 Torino

SME

Yes

Region

Nord-Ovest > Piemonte > Torino

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

€ 201 877,50



AGROBIO SL

Spain

Net EU contribution

€ 104 998,75

Address

CTRA N 340 KM 419 EL VISO S/N

04745 La Mojonera 

SME 

Yes

Region

Sur > Andalucía > Almería

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

€ 104 998,75



CHATIM 

 Netherlands

Net EU contribution

€ 84 645,00

Address

VALKENBURGERWEG 223

64 19 AT HEERLEN 

SME 

Yes

Region

Zuid-Nederland > Limburg (NL) > Zuid-Limburg

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

€ 84 645,00



CONFEDERAZIONE GENERALE DELL AGRICOLTURA ITALIANA

 Italy

Net EU contribution

€ 120 000,00

Address

CORSO VITTORIO EMANUELE II 101

00186 Roma 

Region

Centro (IT) > Lazio > Roma

Activity type

Other

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 120 000,00



ORGANISATION EUROPEENNE ET MEDITERRANEENNE POUR LA PROTECTION DES PLANTES

 France

Net EU contribution

€ 135 000,00

Address

BOULEVARD RICHARD LENOIR 21

75011 Paris 

Region

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

Activity type

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

Links

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

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

Total cost

€ 135 000,00



THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS



 United Kingdom

Net EU contribution

€ 6 218,49

Address

**SEACOLE BUILDING, 2 MARSHAM STREET
SW1P 4DF LONDON** 

Region

London > Inner London — West > Westminster

Activity type

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

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 6 218,49



IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

 United Kingdom

Net EU contribution

€ 317 513,75

Address

**SOUTH KENSINGTON CAMPUS EXHIBITION ROAD
SW7 2AZ LONDON** 

Region

London > Inner London — West > Westminster

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 317 513,75



INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT

 France

Net EU contribution

€ 396 377,50

Address

**147 RUE DE L'UNIVERSITE
75007 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](#) 

Total cost

€ 396 377,50



INTEGRETAS AUDZESANAS SKOLA

 Latvia

Net EU contribution

€ 350 250,00

Address

**LIELVARDES IELA 41
LV - 1006 RIGA** 

SME 

Yes

Region

Latvija > Latvija > Rīga

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

€ 350 250,00



MENDELOVA UNIVERZITA V BRNE

 Czechia

Net EU contribution

€ 179 997,50

Address

ZEMEDELSKA 1/1665

613 00 Brno Sever 

Region

Česko > Jihovýchod > Jihomoravský kraj

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 179 997,50



METEC INNOVATION CONSULTING SRL

 Italy

Net EU contribution

€ 300 000,00

Address

CORSO VITTORIO EMANUELE II 96
10121 Torino 

SME 

Yes

Region

Nord-Ovest > Piemonte > Torino

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

€ 300 000,00



MOVERIM SRL

 Belgium

Net EU contribution

€ 236 362,50

Address

SQUARE AMBIORIX 32
1000 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](#)  [Website](#) 

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

[HORIZON collaboration network](#) 

Total cost
€ 236 362,50



NIAB

United Kingdom

Net EU contribution

€ 446 289,50

Address

**Huntingdon Road
CB3 0LE Cambridge**

SME

Yes

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#)

Total cost
€ 446 289,50



OPTISENSE limited

United Kingdom

Net EU contribution

€ 288 976,25

Address

**Gateford Drive 74
RH12 5FW Horsham**

SME

Yes

Region

South East (England) > Surrey, East and West Sussex > West Sussex (North East)

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

€ 288 976,25



DE VOOGD WILLEM BAREND 

 Netherlands

Net EU contribution

€ 0,00

Address

BRAAMKAMP 162
7206 HH ZUTPHEN 

SME 

Yes

Region

Oost-Nederland > Gelderland > Achterhoek

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



**REGIONAL ENVIRONMENTAL CENTER FOR CENTRAL AND EASTERN
EUROPE -REC**

 Hungary

Net EU contribution

€ 267 388,75

Address

ADY ENDRE UT 9-11

2000 Szentendre 

Region

Közép-Magyarország > Pest > Pest

Activity type

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

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 267 388,75



SEMIOSBIO TECHNOLOGIES INC

 Canada

Net EU contribution

€ 0,00

Address

320 887 GREAT NORTHERN WAY

V5T4T5 VANCOUVER 

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

€ 110 000,00



SPIN-TO SRL

 Italy

Net EU contribution

€ 217 043,75

Address

Via Gressoney 29/b
10155 Torino 

SME 

Yes

Region

Nord-Ovest > Piemonte > Torino

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

€ 217 043,75



STICHTING WAGENINGEN RESEARCH

 Netherlands

Net EU contribution

€ 536 825,00

Address

DROEVENDAALSESTEEG 4
6708 PB Wageningen 

Region

Oost-Nederland > Gelderland > Veluwe

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 536 825,00



UNIVERSIDAD DE LLEIDA

 Spain

Net EU contribution

€ 310 138,75

Address

Placa Victor Siurana 1 1
25003 Lleida 

Region

Este > Cataluña > Lleida

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 382 138,75

 **THIRD-PARTY** 

INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES

 Spain

Net EU contribution

€ 72 000,00

Address

CTRA C-59 KM 12 TORRE MARIMON
08140 Caldes De Montbui Barcelona 

Region

Este > Cataluña > Barcelona

Activity type

Other

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 72 000,00




FERA SCIENCE LIMITED

 United Kingdom

Net EU contribution

€ 593 052,45

Address

65 GRESHAM STREET
EC2V 7NQ London 

Region

London > Inner London — West > Camden and City of London

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

€ 593 052,45

Last update: 6 September 2024

Permalink: <https://cordis.europa.eu/project/id/634179>

European Union, 2025