EMPHASIS
Project ID: 634179
Funded under:
H2020-EU.3.2. - SOCIETAL CHALLENGES - Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy

Effective Management of Pests and Harmful Alien Species - Integrated Solutions

From 2015-03-01 to 2019-02-28, closed project | EMPHASIS Website

Project details

<table>
<thead>
<tr>
<th>Total cost:</th>
<th>Topic(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUR 6 636 039,50</td>
<td>SFS-03a-2014 - Native and alien pests in agriculture and forestry</td>
</tr>
<tr>
<td>EU contribution:</td>
<td>Call for proposal:</td>
</tr>
<tr>
<td>EUR 6 526 038,51</td>
<td>H2020-SFS-2014-2</td>
</tr>
<tr>
<td>Coordinated in:</td>
<td>Funding scheme:</td>
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<tr>
<td>Italy</td>
<td>RIA - Research and Innovation action</td>
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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.

Related information

Report Summaries
Periodic Reporting for period 1 - EMPHASIS (Effective Management of Pests and Harmful Alien Species - Integrated Solutions)

Events
EMPHASIS Summer School 2018. Emerging pests and diseases in horticultural crops: innovative solution
Coordinator
UNIVERSITA DEGLI STUDI DI TORINO
VIA GIUSEPPE VERDI 8
10124 TORINO
Italy
See on map

Activity type: Higher or Secondary Education Establishments
Contact the organisation

Participants
AGRA CEAS CONSULTING LIMITED
5 HOWICK PLACE, FLOOR 2
SW1P 1WG LONDON
United Kingdom
See on map

Activity type: Other
Contact the organisation

AGRINEWTECH SRL
VIA LIVORNO 60
10144 TORINO
Italy
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Activity type: Other
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AGROBIO SL
CTRA N 340 KM 419 EL VISO S/N
04745 LA MOJONERA
Spain
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Activity type: Other
Contact the organisation

CHATIM
VALKENBURGERWEG 223
64 19 AT HEERLEN
Netherlands
Participation ended
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Activity type: Other
Contact the organisation
CONFEDERAZIONE GENERALE DELL'AGRICOLTURA ITALIANA
CORSO VITTORIO EMANUELE II 101
00186 ROMA
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**Activity type:** Higher or Secondary Education Establishments

**Contact the organisation**

EUROPEAN AND MEDITERRANEAN PLANT PROTECTION ORGANISATION
BOULEVARD RICHARD LENOIR 21
75011 PARIS
France
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**Activity type:** Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

**Contact the organisation**

_ THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS_
Area 1A, Nobel House, Smith Square 17
SW1P 3JR LONDON
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**Activity type:** Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

**Contact the organisation**

IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE
SOUTH KENSINGTON CAMPUS EXHIBITION ROAD
SW7 2AZ LONDON
United Kingdom
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**Activity type:** Higher or Secondary Education Establishments

**Contact the organisation**

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Rue De L'Universite 147
75338 PARIS CEDEX 07
France
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**Activity type:** Research Organisations

**Contact the organisation**
INTEGRAS AUDZESANAS SKOLA
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LV - 1006 RIGA
Latvia
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Activity type: Other
Contact the organisation

EU contribution: EUR 350 250

MENDELOVA UNIVERZITA V BRNE
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613 00 BRNO SEVER
Czechia
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Activity type: Higher or Secondary Education Establishments
Contact the organisation

EU contribution: EUR 179 997,50

METEC INNOVATION CONSULTING SRL
CORSO VITTORIO EMANUELE II 96
10121 TORINO
Italy
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Activity type: Other
Contact the organisation

EU contribution: EUR 300 000

MOVERIM CONSULTING SPRL
SQUARE AMBIORIX 32
1000 BRUXELLES
Belgium
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Activity type: Other
Contact the organisation

EU contribution: EUR 236 362,50

NIAB
Huntingdon Road
CB3 0LE CAMBRIDGE
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Activity type: Higher or Secondary Education Establishments
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EU contribution: EUR 446 289,50
OPTISENSE limited
Gateford Drive 74
RH12 5FW Horsham
United Kingdom
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Activity type: Other
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EU contribution: EUR 288,976,25

DE VOOGD WILLEM BAREND Participation ended
BRAAMKAMP 162
7206 HH ZUTPHEN
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Activity type: Other
Contact the organisation

EU contribution: EUR 0

REGIONAL ENVIRONMENTAL CENTER FOR CENTRAL AND EASTERN EUROPE -REC
ADY ENDRE UT 9-11
2000 SZENTENDRE
Hungary
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Activity type: Higher or Secondary Education Establishments
Contact the organisation

EU contribution: EUR 267,388,75

SEMIOSBIO TECHNOLOGIES INC
320 887 GREAT NORTHERN WAY
V5T4T5 VANCOUVER
Canada
See on map
Activity type: Other
Contact the organisation

EU contribution: EUR 0

SPIN-TO SRL
Via Gressoney 29/b
10155 Torino
Italy
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Activity type: Other
Contact the organisation

EU contribution: EUR 217,043,75
STICHTING WAGENINGEN RESEARCH
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See on map

**Activity type:** Higher or Secondary Education Establishments

Contact the organisation

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25003 LLEIDA
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**Activity type:** Higher or Secondary Education Establishments

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United Kingdom
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**Activity type:** Other

Contact the organisation

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