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Detecting the Pathogen that Threatens European Honey Bees

Fact Sheet

Project Information

CLEANHIVE

Grant agreement ID: 218416

[Project website](#) 

Project closed

Start date

1 October 2008

End date

31 January 2012

Funded under

Specific Programme "Capacities": Research for the benefit of SMEs

Total cost

€ 3 252 193,42

EU contribution

€ 2 462 612,93

Coordinated by

NTRAM GENERAL S.A.



Spain

This project is featured in...

RESEARCH*EU MAGAZINE

Results Supplement No. 032 - Robots and us: advances in robotics, from industry to society

Objective

Honey bees are extremely important to the economy of European agriculture and are worth billions of euros as honey producers and crop pollinators. Pollination is also of considerable importance to the environment. However, the fate of the European honey bees is seriously compromised and, with it, the beekeeping sector. Massive deaths of honey bees have taken place all over Europe and the USA. While the spread of a new pathogen, *Nosema ceranae*, is thought to be linked to bee depopulation episodes, there are currently no diagnostic tests for this species adapted to the needs of beekeepers. Consequently, there is an urgent and timely need to develop methods to help beekeepers detect for this virulent pathogen, so as to control its spread and reduce its dramatic economic impact on the beekeeping sector. The beekeeping associations of this proposal are determined to develop this diagnostic tool and to disseminate its use at European level. These goals will be achieved through the present CLEANHIVE project through the development of a diagnostic kit that will combine the robustness and specificity of lateral flow assays with the sensitivity and data management achieved with optical readers. This diagnostic tool will be designed following beekeeper's needs in terms of portability, sensitivity and cost. The CLEANHIVE diagnostic assay will not only allow the control of the spread of *N. ceranae*, but also will ensure the continuity of the beekeeping sector and the benefits of pollination to the European economy.

Fields of science (EuroSciVoc)

[natural sciences](#) > [biological sciences](#) > [zoology](#) > [entomology](#) > [apidology](#)

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

[agricultural sciences](#) > [animal and dairy science](#) > [apiculture](#)



Programme(s)

[FP7-SME - Specific Programme "Capacities": Research for the benefit of SMEs](#)

Topic(s)

[SME-2 - Research for SME associations](#)

Call for proposal

FP7-SME-2007-2

[See other projects for this call](#)

Funding Scheme

[BSG-SME-AG - Research for SME associations/groupings](#)

Coordinator



NTRAM GENERAL S.A.

EU contribution

€ 57 437,76

Total cost

No data

Address

CALLE VICTOR PRADERA 45
08940 Cornellà De Llobregat Barcelona
 **Spain** 

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](#) 

Participants (14)



NATIONAL BEE BRANCH ASSOCIATION

 **Bulgaria**
EU contribution

€ 221 278,79

Address

SQ 1 MACEDONIA OFFICE 3
1000 SOFIA 

Activity type

Other

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



FEDERAZIONE APICOLTORI ITALIANI 

 Italy

EU contribution

€ 16 192,07

Address

Corso Vittorio Emanuele II 101
00186 ROMA 

Activity type

Other

Links

[Contact the organisation](#)  [Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



ASOCIACION CULTURAL VALLE DE HISTORIA Y MIEL

 Spain

EU contribution

€ 274 826,31

Address

PLAZA DIPUTACION PROVINCIAL 1-1
46620 AYORA

Activity type

Other

Links

- [Contact the organisation](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



Orszagos Magyar Meheszeti Egyesulet

 Hungary

EU contribution

€ 201 731,57

Address

Viola ut 50
1094 Budapest 

Activity type

Research Organisations

Links

- [Contact the organisation](#) 
- [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



BIMEX ENGINEERING SA

 Bulgaria

EU contribution

€ 269 406,17

Address

"sq""Academic Petar Dinekov"" 8"
4004 Plovdiv 

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
No data



Sociedad Cooperativa Apicola de Espana

 Spain
EU contribution
€ 203 462,04

Address
POLIGONO INDUSTRIAL SAN ANTON
46620 AYORA 

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
No data



BALTA ES BALTA KERESKEDELMI ES SZOLGALTATO KORLATOLT FELELOSSEGU TARSASAG

 Hungary
EU contribution
€ 255 659,82

Address
Ady Endre utca 9
2114 Valko 

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



FORSITE DIAGNOSTICS LIMITED

United Kingdom

EU contribution

€ 214 986,70

Address

SAND HUTTON
Y041 1LZ YORK



Region

Yorkshire and the Humber > North Yorkshire > York

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

No data



VITA EUROPE LTD

United Kingdom

EU contribution

€ 219 808,90

Address

Wote Street 21-23
RG21 7NE Basingstoke



Region

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

No data



APPLIED RESEARCH USING OMIC SCIENCES SL

Spain

EU contribution

€ 186 715,43

Address

C BALDIRI REIXAC 15
08028 BARCELONA



Region

Este > Cataluña > Barcelona

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



Food and Environment Research Agency

United Kingdom

EU contribution

€ 30 350,25

Address

Area 1A, Nobel House, Smith Square 17
SW1P 3JR 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

No data



UNIVERSIDAD COMPLUTENSE DE MADRID

 Spain

EU contribution

€ 27 072,00

Address

AVENIDA DE SENECA 2
28040 Madrid 

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

Higher or Secondary Education Establishments

Links

- [Contact the organisation](#)  [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



ACACIA S.R.L. 

 Italy

EU contribution

€ 7 575,57

Address

CORSO VITTORIO EMANUELE II 101
00186 ROME 

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



Federacao Nacional dos Apicultores de Portugal

 Portugal

EU contribution

€ 276 109,55

Address

Av. do Colégio Militar, Lote 1786
1549-012 LISBOA Lisboa 

Activity type

Other

Links

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

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

[HORIZON collaboration network](#) 

Total cost

No data

Last update: 16 July 2019

Permalink: <https://cordis.europa.eu/project/id/218416>

European Union, 2025

