



Fact Sheet

PoshBee

Project website 

DOI

[10.3030/773921](#) 

Project closed

EC signature date

27 April 2018

Start date

1 June 2018

End date

31 May 2023

Funded under

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

Total cost

€ 10 133 683,75

EU contribution

€ 8 999 998,75

Coordinated by

ROYAL HOLLOWAY AND
BEDFORD NEW COLLEGE

 United Kingdom

Objective

Bees – honey bees, bumble bees, and solitary bees – pollinate our crops and wildflowers, and thus are essential for human well-being. However, in Europe, and around the globe, bees face many threats and are often in decline as a result. One potential driver of reduced bee health is agrochemicals. While laboratory and semi-field studies suggest that such chemicals negatively impact bee health, their importance and relevance in the real world remains unclear. PoshBee is a consortium

of academics, governmental organisations, industry, and NGOs that will address the issue of agrochemicals to ensure the sustainable health of bees and their pollination services in Europe. Integrating the knowledge and experience of local beekeeping and farming organisations and academic researchers (including the EU RefLab for bee health), we will provide the first comprehensive pan-European assessment of the exposure hazard of chemicals, their mixtures, and co-occurrence with pathogens and nutritional stress for solitary, bumble, and honey bees across two major cropping systems. Integrated studies across the lab-to-field axis will determine the effect of chemicals, their mixtures, and interactions with pathogens and nutrition on bee health. We will combine the skills of commercial bumble bee and solitary bee producers, ecotoxicological industry, and academics to develop new model species and innovative protocols for testing chemicals in bees. With MUST-B, we will integrate this information to develop dynamic landscape environmental risk assessment models for bees. Using proteomics, we will produce new molecular markers for assessing bee health and enabling long-term monitoring schemes. Finally, combining across our partners and stakeholder board, we will deliver practice- and policy-relevant research outputs to local, national, European, and global stakeholders. Together, our work will support healthy bee populations, sustainable beekeeping, and sustainable pollination across Europe.

Fields of science (EuroSciVoc)

[natural sciences](#) > [biological sciences](#) > [biochemistry](#) > [biomolecules](#) > [proteins](#) > **[proteomics](#)**

[social sciences](#) > [political sciences](#) > [political policies](#) > [civil society](#) > **[nongovernmental organizations](#)**

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

[medical and health sciences](#) > [health sciences](#) > **[nutrition](#)**

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



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

[H2020-EU.3.2.1.1. - Increasing production efficiency and coping with climate change, while ensuring sustainability and resilience](#)

[H2020-EU.3.2.1.2. - Providing ecosystems services and public goods](#)

Topic(s)

Call for proposal

[H2020-SFS-2016-2017](#)

[See other projects for this call](#)

Sub call

H2020-SFS-2017-2

Funding Scheme

[RIA - Research and Innovation action](#)

Coordinator



ROYAL HOLLOWAY AND BEDFORD NEW COLLEGE

Net EU contribution

€ 589 398,75

Total cost

€ 589 398,75

Address

EGHAM HILL UNIVERSITY OF LONDON

TW20 0EX Egham

 **United Kingdom** 

Region

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

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Participants (42)



BIOBEST GROUP NV

 Belgium

Net EU contribution

€ 15 625,00

Address

ILSE VELDEN 18

2260 Westerlo 

Region

Vlaams Gewest > Prov. Antwerpen > Arr. Turnhout

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

€ 75 625,00



UNIVERSITE DE MONS

 Belgium

Net EU contribution

€ 371 595,00

Address

PLACE DU PARC 20

7000 Mons 

Region

Région wallonne > Prov. Hainaut > Arr. Mons

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 371 595,00



PENSOFT PUBLISHERS

 Bulgaria

Net EU contribution

€ 256 875,00

Address

UL. GEO MILEV 13A

1111 Sofia 

SME 

Yes

Region

Югозападна и Южна централна България > Югозападен > София (столица)

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

€ 256 875,00



AARHUS UNIVERSITET

 Denmark

Net EU contribution

€ 81 095,00

Address

NORDRE RINGGADE 1

8000 Aarhus C 

Region

Danmark > Midtjylland > Østjylland

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 81 095,00



EESTI MAULIKOOL

 Estonia

Net EU contribution

€ 167 100,00

Address

KREUTZWALDI 1

51014 Tartu 

Region

Eesti > Eesti > Lõuna-Eesti

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 167 100,00



EESTI POLLUMAJANDUS-KAUBANDUSKODA

 Estonia

Net EU contribution

€ 9 375,00

Address

J. VILMSI TN 53G

10147 Tallinn 

Region

Eesti > Eesti > Põhja-Eesti

Activity type

Other

Links

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

Total cost

€ 23 760,00



EESTI KUTSELISTE MESINIKE UHING

Estonia

Net EU contribution

€ 9 375,00

Address

LEHISE LAANE ULENURME
61703 Tartu

Region

Eesti > Eesti > Lõuna-Eesti

Activity type

Other

Links

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

Total cost

€ 16 875,00



AGENCE NATIONALE DE LA SECURITE SANITAIRE DE L ALIMENTATION DE L ENVIRONNEMENT ET DU TRAVAIL

France

Net EU contribution

€ 452 087,00

Address

14 RUE PIERRE ET MARIE CURIE
94700 Maisons Alfort

Region
Ile-de-France > Ile-de-France > Val-de-Marne

Activity type
Research Organisations

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

Total cost
€ 494 898,75



PLATEFORME BIOPARK D'ARCHAMPS

 France
Net EU contribution
€ 648 996,25

Address
DOMAINE DE CHOSAL TECHNOPOLE D'ARCHAMPS
74160 Archamps 

Region
Auvergne-Rhône-Alpes > Rhône-Alpes > Haute-Savoie

Activity type
Other

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

Total cost
€ 648 996,25



CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS

 France
Net EU contribution
€ 185 125,00

Address

RUE MICHEL ANGE 3
75794 Paris 

Region

Ile-de-France > Ile-de-France > Hauts-de-Seine

Activity type

Research Organisations

Links

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

Total cost

€ 185 125,00



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

 France

Net EU contribution

€ 330 417,50

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

€ 406 895,00



ALBERT-LUDWIGS-UNIVERSITAET FREIBURG

 Germany

Net EU contribution

€ 905 162,50

Address

FAHNENBERGPLATZ

79098 Freiburg 

Region

Baden-Württemberg > Freiburg > Freiburg im Breisgau, Stadtkreis

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 942 662,50



MARTIN-LUTHER-UNIVERSITAT HALLE-WITTENBERG

 Germany

Net EU contribution

€ 347 240,00

Address

UNIVERSITÄTSPLATZ 10

6108 Halle 

Region

Sachsen-Anhalt > Sachsen-Anhalt > Halle (Saale), Kreisfreie Stadt

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 443 208,75



IMKERVERBAND SACHSEN-ANHALT EV

 Germany

Net EU contribution

€ 9 375,00

Address

EBERESCHENWEG 8

06642 Nebra 

Region

Sachsen-Anhalt > Sachsen-Anhalt > Burgenlandkreis

Activity type

Other

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 49 375,00



BAUERNVERBAND SACHSEN-ANHALT EV

 Germany

Net EU contribution

€ 9 375,00

Address

MAXIM-GORKI-STRASSE 13

39108 Magdeburg 

Region

Sachsen-Anhalt > Sachsen-Anhalt > Magdeburg, Kreisfreie Stadt

Activity type

Other

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 32 812,50



HELMHOLTZ-ZENTRUM FUR UMWELTFORSCHUNG GMBH - UFZ

 Germany

Net EU contribution

€ 270 183,75

Address

PERMOSERSTRASSE 15

04318 Leipzig 

Region

Sachsen > Leipzig > Leipzig

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 345 183,75



NEMZETI ELELMISZERLANC-BIZTONSAGI HIVATAL

 Hungary

Net EU contribution

€ 53 625,00

Address

KELETI KAROLY UTCA 24

1024 Budapest 

Region

Közép-Magyarország > Budapest > Budapest

Activity type

Other

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 115 641,25



**THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER
MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY & UNDIVIDED
TRINITY OF QUEEN ELIZABETH NEAR DUBLIN**

 Ireland

Net EU contribution

€ 450 368,75

Address

**COLLEGE GREEN TRINITY COLLEGE
D02 CX56 Dublin** 

Region

Ireland > Eastern and Midland > Dublin

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 450 368,75



TEAGASC - AGRICULTURE AND FOOD DEVELOPMENT AUTHORITY

 Ireland

Net EU contribution

€ 9 375,00

Address

**Oak Park
R93 Carlow** 

Region

Ireland > Southern > South-East

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 49 595,00



ATTRIDGE ELEANOR

 Ireland

Net EU contribution

€ 9 375,00

Address

BALLINASKEHA LEANLARA
T56AH33 Cork 

Region

Ireland > Southern > South-East

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

€ 63 375,00



CONFEDERAZIONE NAZIONALE COLDIRETTI

 Italy

Net EU contribution

€ 9 375,00

Address

VIA XXIV MAGGIO 43
00187 Roma 

Region

Centro (IT) > Lazio > Roma

Activity type

Other

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 53 375,00



CONSIGLIO PER LA RICERCA IN AGRICOLTURA E L'ANALISI DELL'ECONOMIA AGRARIA

 Italy

Net EU contribution

€ 499 397,50

Address

**via della navicella 2-4
00184 Roma** 

Region

Centro (IT) > Lazio > Roma

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 499 397,50



UNIVERSITA DEGLI STUDI DI UDINE

 Italy

Net EU contribution

€ 187 712,50

Address

**VIA PALLADIO 8
33100 Udine** 

Region

Nord-Est > Friuli-Venezia Giulia > Udine

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 187 712,50



UNIONE NAZIONALE ASSOCIAZIONI APICOLTORI ITALIANI ASSOCIAZIONE

 Italy

Net EU contribution

€ 9 375,00

Address

VIA PAOLO BOSELLI 2

50136 Firenze 

Region

Centro (IT) > Toscana > Firenze

Activity type

Other

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 29 375,00



**PANSTWOWY INSTYTUT WETERYNARYJNY - PANSTWOWY INSTYTUT
BADAWCZY**

 Poland

Net EU contribution

€ 264 836,25

Address

Partyzantow 57
24100 Pulawy 

Region

Makroregion wschodni > Lubelskie > Puławski

Activity type

Research Organisations

Links

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

Total cost

€ 265 911,25



ASOCIACION REGIONAL DE EMPRESAS AGRICOLAS Y GANADERAS DE LA COMUNIDAD AUTONOMA DE MURCIA (ADEA-ASJA)

 Spain

Net EU contribution

€ 9 375,00

Address

CALLE PARPALLOTA 13 BAJO
30007 Murcia 

Region

Sur > Región de Murcia > Murcia

Activity type

Other

Links

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

Total cost

€ 22 375,00



UNIVERSIDAD DE MURCIA

 Spain

Net EU contribution

€ 342 618,75

Address

AVENIDA TENIENTE FLORESTA S/N - EDIFICIO CONVALECENCIA
30003 Murcia 

Region

Sur > Región de Murcia > Murcia

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 342 618,75



BIODLINGSFORETAGARNA

 Sweden

Net EU contribution

€ 9 375,00

Address

STALLGATAN 1
64133 Katrineholm 

Region

Östra Sverige > Östra Mellansverige > Södermanlands län

Activity type

Other

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 49 375,00



LANTBRUKARNAS EKONOMI-AB

 Sweden

Net EU contribution

€ 9 375,00

Address

FRANZENGATAN 6

105 33 Stockholm 

Region

Östra Sverige > Stockholm > Stockholms län

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

€ 49 375,00



SVERIGES LANTBRUKSUNIVERSITET

 Sweden

Net EU contribution

€ 282 851,25

Address

ALMAS ALLE 8

750 07 Uppsala 

Region

Östra Sverige > Östra Mellansverige > Uppsala län

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 282 851,25



EIDGENOESSISCHES DEPARTEMENT FUER WIRTSCHAFT, BILDUNG UND FORSCHUNG

 Switzerland

Net EU contribution

€ 654 916,25

Address

Bundeshaus Ost

3003 Bern 

Region

Schweiz/Suisse/Svizzera > Espace Mittelland > Bern / Berne

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

€ 723 371,25



APISUISSE

 Switzerland

Net EU contribution

€ 9 375,00

Address

JAKOB SIGNER-STRASSE 4

9050 Appenzell 

Region

Schweiz/Suisse/Svizzera > Ostschweiz > Appenzell Innerrhoden

Activity type

Other

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 69 375,00



SCHWEIZER BAUERNVERBAND

 Switzerland

Net EU contribution

€ 9 375,00

Address

LAURSTRASSE 10

5201 Brugg 

Region

Schweiz/Suisse/Svizzera > Nordwestschweiz > Aargau

Activity type

Other

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 53 275,00



UNIVERSITAET BERN

 Switzerland

Net EU contribution

€ 316 585,00

Address

HOCHSCHULSTRASSE 6

3012 Bern 

Region

Schweiz/Suisse/Svizzera > Espace Mittelland > Bern / Berne

Activity type

Higher or Secondary Education Establishments

Links

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

Total cost

€ 385 335,00



WILDBIENE + PARTNER AG

Switzerland

Net EU contribution

€ 46 875,00

Address

HEINRICHSTRASSE 267A
8005 Zurich



SME



Yes

Region

Schweiz/Suisse/Svizzera > Zürich > Zürich

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

€ 46 875,00



ATLANTIC POLLINATION LIMITED

United Kingdom

Net EU contribution

€ 243 437,50

Address

LENDRICK MAIN STREET
KY13 0UR Crook Of Devon 

Region

Scotland > Eastern Scotland > Perth & Kinross and Stirling

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

€ 243 437,50



BRITISH BEEKEEPERS ASSOCIATION

 United Kingdom

Net EU contribution

€ 9 375,00

Address

NATIONAL AGRICULTURAL CENTRE, STONELEIGH PARK
CV8 2LG Kenilworth Warwickshire 

Region

West Midlands (England) > Herefordshire, Worcestershire and Warwickshire > Warwickshire

Activity type

Other

Links

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

Total cost

€ 44 375,00



THE NATIONAL FARMERS' UNION

 United Kingdom

Net EU contribution

€ 9 375,00

Address

AGRICULTURE HOUSE, STONELEIGH PARK
CV8 2TZ Kenilworth Warwickshire 

Region

West Midlands (England) > Herefordshire, Worcestershire and Warwickshire > Warwickshire

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

€ 43 155,00



THE RED BEEHIVE COMPANY LTD

 United Kingdom

Net EU contribution

€ 239 218,75

Address

14 CANTERBURY AVENUE
SO19 1EB Southampton 

SME 

Yes

Region

South East (England) > Hampshire and Isle of Wight > Southampton

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

€ 239 218,75



THE UNIVERSITY OF READING

United Kingdom

Net EU contribution

€ 474 827,50

Address

WHITEKNIGHTS CAMPUS WHITEKNIGHTS HOUSE

RG6 6AH Reading

Region

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

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#)

Total cost

€ 474 827,50



VITA EUROPE LTD

United Kingdom

Net EU contribution

€ 9 375,00

Address

Wote Street 21-23

RG21 7NE Basingstoke

SME

Yes

Region

South East (England) > Hampshire and Isle of Wight > North Hampshire

Activity type

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

Links

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

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

Total cost

€ 30 022,50



UNIVERSITE DE BORDEAUX

 France

Net EU contribution

€ 171 828,00

Address

PLACE PEY BERLAND 35

33000 Bordeaux 

Region

Nouvelle-Aquitaine > Aquitaine > Gironde

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 187 588,75

Last update: 29 November 2023

Permalink: <https://cordis.europa.eu/project/id/773921>

European Union, 2025