



# Beehive health IoT application to fight Honey Bee Colony Mortality

## Results

### Project Information

**IoBee**

Grant agreement ID: 760342

[Project website](#)

**DOI**

[10.3030/760342](#)

Project closed

**EC signature date**

10 April 2017

**Start date**

1 November 2017

**End date**

30 April 2020

**Funded under**

Horizon 2020 Framework Programme

**Total cost**

€ 1 834 351,25

**EU contribution**

€ 1 436 178,00

**Coordinated by**

IRIDEON SL



Spain

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## Deliverables

### Documents, reports (2)

[Demonstration report](#) 

[Report on dissem. & comm. activities](#) 

### Websites, patent fillings, videos etc. (1)

[Project website portal](#) 

## Publications

### Peer reviewed articles (1)

A Multispectral Backscattered Light Recorder of Insects' Wingbeats.

**Author(s):** Rigakis, I.; Potamitis, I.; Tatlas, N.-A.; Livadaras, I.; Ntalampiras, S.  
**Published in:** Electronics, 2019, ISSN 2079-9292  
**Publisher:** MDPI

## Conference proceedings (2)

On Fresnel-based single and Multi Spectral Sensors for insects' Wingbeat Recording

**Author(s):** I. Potamitis, I. Rigakis , and N-A Tatlas

**Published in:** Transducers 2019 and EUROSENSORS XXXIII, Berlin, 2019

**Publisher:** UROSENSORS XXXIII

A novel electronic gate that identifies and counts bees based on their RGB backscattered light

**Author(s):** I. Potamitis, I. Rigakis, N.A. Tatlas , and S. Kouzoupis

**Published in:** 23rd International Conference on Circuits, Systems, Communications and Computers (CSCC 2019), 2019

**Publisher:** International Conference on Circuits, Systems, Communications and Computers

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