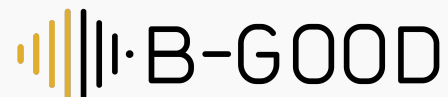


[View in browser](#)



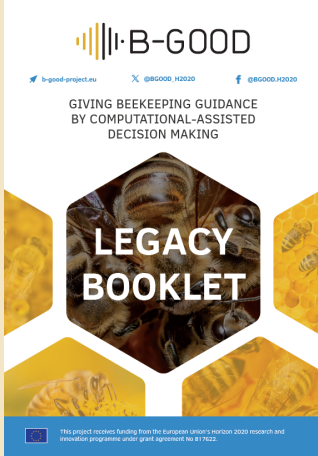
The final B-GOOD newsletter is out!

Have a look!



The EU Horizon 2020 project B-GOOD concluded with a closing conference held in Bled, Slovenia, this October. This marked the culmination of four and a half years of dedicated research, extensive field studies, innovative technologies development, and knowledge exchange among project partners, beekeepers, external experts and other stakeholders.

Now, we are pleased to present our final newsletter, focusing on the achievements and milestones of the last year. We extend a big **thank you** to all the project partners, who made this possible!



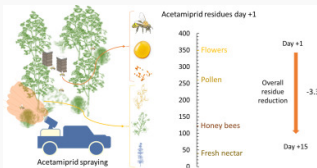
Interested in B-GOOD findings?

Check out our legacy booklet to learn more about the B-GOOD achievements over the last four and a half years!

[Download the B-GOOD legacy booklet](#)

Publications

An insight into the risk of acetamiprid exposure in honey bee colonies



[Read more](#)

Over the last few decades, honey bee colonies have shown abnormal mortality rates. In a new study ("Exposure and risk assessment of acetamiprid in honey bee colonies under a real exposure scenario in Eucalyptus sp. landscapes") published in the *Science of The Total Environment* journal, B-GOOD partners from University of Coimbra & Wageningen Food Safety Research collaborated to examine the effects of acetamiprid exposure on honey bee colonies.

A new publication on the Lateral Flow Device

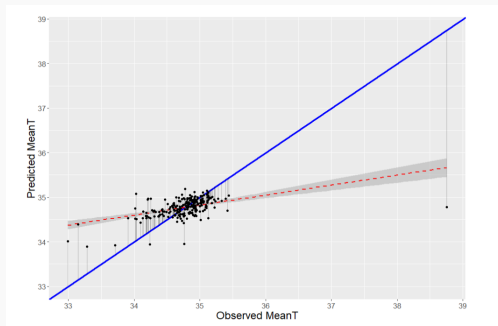
An article titled "Biosensing Chlorpyrifos in Environmental Water Samples by a Newly Developed Carbon Nanoparticle-Based Indirect Lateral Flow Assay" has been published last year in September in *Biosensors*. The authors of the publication, amongst whom B-GOOD researchers Mang Xu and Jeroen Peters of Wageningen Food Safety Research and Dr. Coby Van Dooremalen of

A study from March 2023 published in the *Sensors* journal has developed a new monitoring system that uses factors other than temperature and humidity in honeybee hives as an indicator for colony health. The study aimed to better understand the impact of carbon dioxide on the health and survival of honeybee colonies. More about it read in the full article.



[Read more](#)

Brood thermoregulation effectiveness is positively linked to the amount of brood but not to the number of bees in honeybee colonies



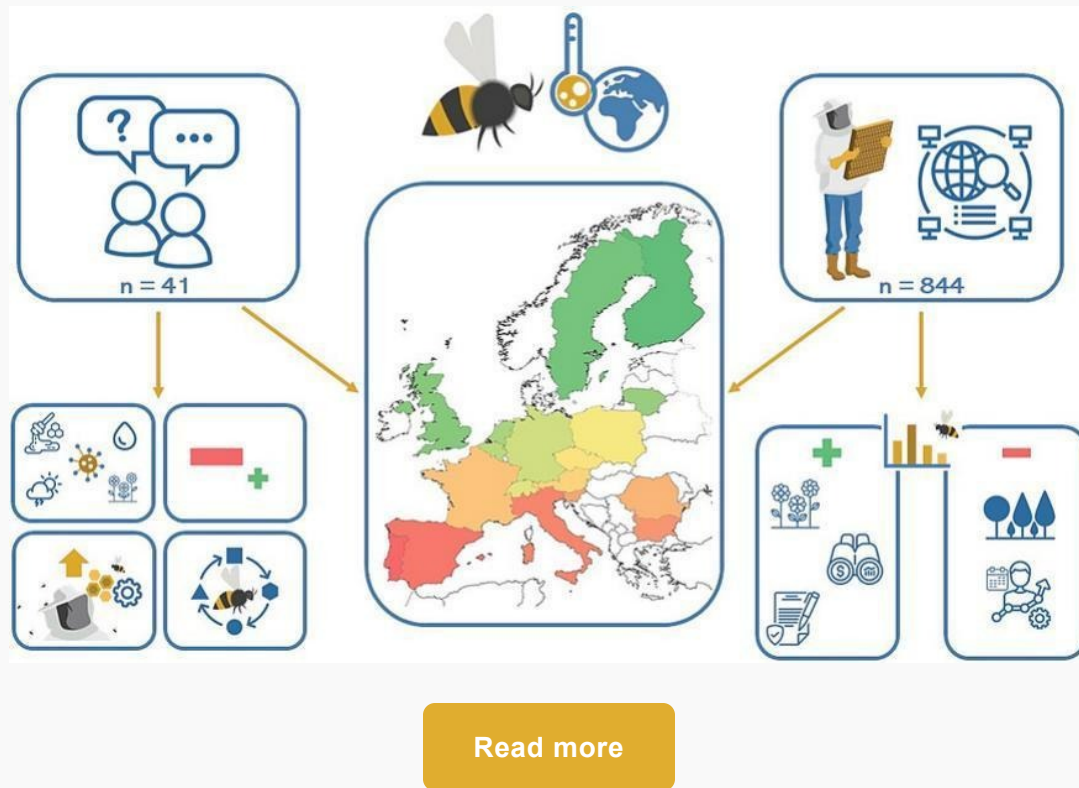
A study from May 2023 published in the *Peer Community Journal* sheds light on the factors influencing the effectiveness of brood thermoregulation in honeybee colonies. The findings provide valuable insights into the role of colony size and meteorological conditions in maintaining optimal brood temperatures. Find out more about it in the article.

[Read more](#)

European beekeeping facing climate change

The B-GOOD socio-economics research team from Ghent University (BE), Aarhus University (DK) and University of Coimbra (PT) has published their findings on European beekeeping facing climate change through the lens of stakeholders and beekeepers. This study, published in the renowned scientific journal *Science of the Total Environment*, is the first to show how climate change

is experienced in the European beekeeping sector and forces beekeepers to change their beekeeping management practices. Find out more in the article below.



EU Report on opportunities and knowledge gaps for pollinator research and innovation

The European Research Executive Agency (REA), Unit B.3 "Biodiversity, Circular Economy and Environment", has released a detailed report this year highlighting opportunities and knowledge gaps in pollinator research and innovation in the European Union. The report is the outcome of a workshop organised by REA on October 10, 2022, which aimed to promote dialogue, identify research and innovation needs and gaps, and define common messages and recommendations in support of bee and pollinator health, sustainable pollination services, and pollinator monitoring. Read more in the article.



[Read more](#)

Outputs

Translating bee research for the needs of practice

Successful communication, knowledge transfer, and dissemination of project updates and results are among the factors that contribute to B-GOOD's goal.

The first set of practice abstracts was prepared and published on the EIP-AGRI platform as part of the project's promotional and dissemination toolset, chosen to make the results of B-GOOD available to stakeholders and the general public.



[Read more](#)

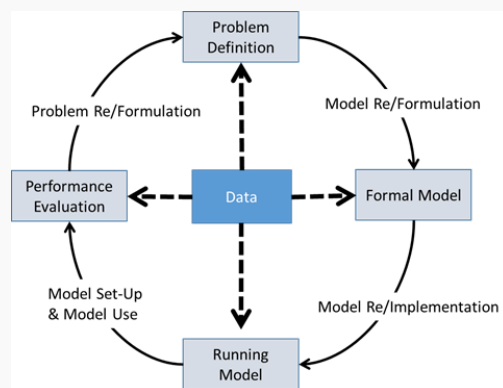
The Formal Model

Improving the transparency and functionality of the documentation process

The Formal Model, introduced last year in the open access journal Food and Ecological Systems Modelling Journal (FESMJ), aims to improve transparency and provide a formal approach to documentation.

Reviewers can help improve the model by identifying problems early.

The Formal model contains the details needed to allow for reproducibility. Additionally, it gives the credit that modellers deserve for the involved process of creating a model.



[Read more](#)

B-GOOD on RTS TV



[Read more](#)

B-GOOD partner Dr. Alexis Beaufrepaire of University of Bern was invited to speak about the project on the French television programme *Forum* on RTS TV. He gave an overview of the project and its mission, the different partners and data collection taking place across different locations in Europe. Check out all the information and the replay of the tv show in the article.

Translating science to non-scientists: new scientific posters by B-GOOD now available

[See all posters here](#)



The BEEP platform

BEEP has now become a customisable platform that can be applied for research of honeybee colonies, bumblebees, wild honeybee colonies, etc. The BEEP platform is an 'open research' platform, which allows users to obtain high-quality data and monitor bee colonies in a harmonised and standardised way. The development of the BEEP platform was largely made possible by the B-GOOD project.

Read more about the BEEP platform in the article and how to merge BEEP base offline data with database data you can learn from the video below.

BEEP is a research platform with digital tools, aiming to support beekeepers in their role as caretakers. Launched in 2017, the online system offers an overview of all colonies, inspections and apiaries at the touch of a button. Bee researchers can invite beekeepers to their citizen science project for high quality data collection.

● USERS ● PLATFORM FEATURES ● PLATFORM USAGE



August 2023



The B-GOOD project receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 817522.



www.beep.nl



@BEEPfoundation



@BeepBeeApp

[Read more](#)

[Watch video](#)

Events

During this last year, the B-GOOD project has been a part of various significant events, each shaping the path of our research and mission. These gatherings have not only provided a platform for knowledge exchange but have also ignited new ideas and collaborations. Join us as we take a look back at some of the pivotal moments that have marked our project's success and growth.

June
2022

7th Consortium Meeting

27-29 June



[Read more](#)

August

2022

47th edition of Apimondia

24-28 August

[Read more](#)



September

2022

182nd Seminar of the European Association of Agricultural Economics

14-15 September

[Read more](#)



9th European Congress of Apidology

19-22 September

[Read more](#)



October

2022

European Research Executive Agency workshop

10 October

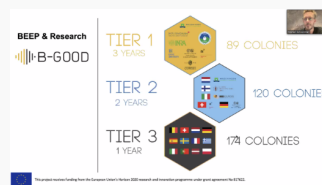
[Read more](#)



18th COLOSS Conference

17-18 October

[Read more](#)



January

2023

8th Consortium Meeting

16-17 January

[Read more](#)



June

2023

New exhibition opening in Sofia

28 June

[Read more](#)



July

2023

Prof. Dirk de Graaf in Portugal

26 July

[Read more](#)



September

2023

48th edition of Apimondia

4-8 September

[Read more](#)



Beekeepers and projects partner meeting

9 September

[Read more](#)



October

2023

B-GOOD Closing conference

2 October



[Read more](#)

B-GOOD research presented at the 19th COLOSS

3-4 October



[Read more](#)

Prof Wim Verbeke at CIHEAM

12 October



[Read more](#)

B-GOOD at ECE 2023

16-20 October



[Read more](#)

Videos

**A look back at 2022:
B-GOOD's highlights**

Are you curious to know what B-GOOD has achieved in the past year? In our new video, we take a look back to appreciate some of our greater accomplishments.

With this video, we also want to thank all the B-GOOD members for the hard work and to our audience, for supporting us throughout the year.



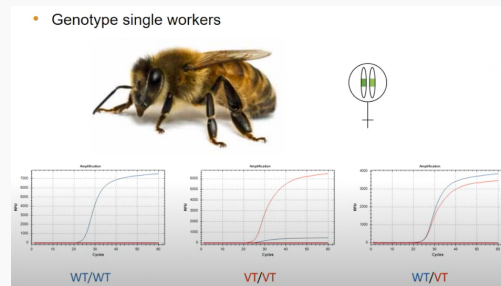
[Watch video](#)



Transporting bee samples

B-GOOD Tier 2 beekeeper Norman Thürmer shows us the rather unusual manner in which he transports his bees.

[Read more](#)



A tool for honey- bee genotyping

The basics of the TaqMan technology explained and a demonstration of the procedure to genotype honeybees for the SMR trait.

[Read more](#)

Lateral flow device for neonicotinoid contamination screening

A B-GOOD video shows the application of the lateral flow devices (LFDs) for detection of the presence of pesticides.



[Watch video](#)



B-GOOD's progress: part 5

In this episode of the progress video series, the project coordinator Prof. Dirk de Graaf discusses B-GOOD's socio-economic component and explains the importance of B-GOOD's multi-actor approach.

[Read more](#)



Consortium Meeting 7

B-GOOD's eventful 7th consortium meeting united many at the end of June 2022. The first day of the meeting was dedicated to beekeepers and in this video series, you can watch all the main highlights of it.

[Read more](#)

Campaigns

Meet the B-GOOD partners

At the beginning of this year, B-GOOD introduced #BGOODpartners, a campaign showcasing the diverse expertise of our consortium partners in beekeeping, ecology, engineering, and more. Check out the full article and learn about the incredible work behind our mission for healthy and sustainable beekeeping in the EU.



[Read more](#)

Meet B-GOOD's beekeepers

B-GOOD's main goal is to support beekeepers in maintaining healthy and sustainable bee colonies. In order to promote their invaluable work and part in B-GOOD, we launched a new webpage on the project website devoted to our campaign #BeekeeperStories social media campaign.

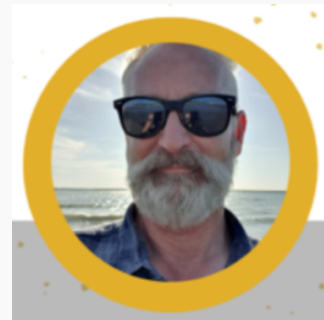
The #BeekeeperStories campaign tells the stories of different B-GOOD beekeepers in an effort to emphasize the value, opportunities, and difficulties of beekeeping. Check out all the stories below.



**Marja
Bastiaansen**



**Martin
Klopfer**

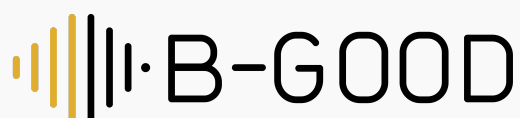


**Chrys
Charpentier**

[Discover all stories on the website](#)

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