

BIOMONITORING SERVICE & BEEKEEPING DECISION SUPPORT TOOLS



2021
Innovation
Award



2019
Eco-Company
Award



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Need a quotation ?
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ENVIRONMENTAL BIOMONITORING BY BEES



Evaluate yours
environmental actions



Promote your approach
with labels



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BIOMONITORING BY BEES



The idea is to use drones that continuously collect samples from the environment.

This drone has existed for 80 million years, it is the **BEE!**

The bees are constantly collecting water, nectar and pollen, so they can measure the quality of the environment.

A MEASURE and ACT SERVICE

Farmers, businesses and public authorities engaged in biodiversity actions need measurements and data to feed their continuous improvement process and prove the results obtained.

Thanks to a set of specific sensors placed in and around your control hives, BeeGuard collects factual measurements that will allow to :



Quantify the food bowl available for pollinators.



Measuring the daily mortality daily mortality of bees in the colony.



Get a 360° view on the health of bees and their environment.



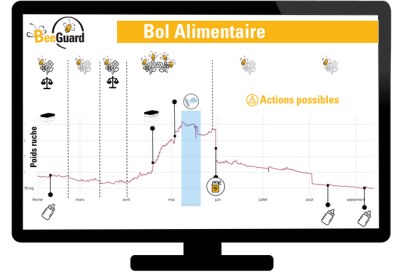
VALUE AND TARGET

- Assess the impact of your activities on the environment.
- Target the actions to be implemented to rebalance the environment and prove the positive impact of your actions on biodiversity.
- Promote and share the initiatives implemented within your organisation.
- Commit to a true continuous improvement process and a sustainable and reliable CSR strategy.



DATA AND FOLLOW-UP

Your data is your property, you have a secure personal access, without time limit, where you manage your sharing. BeeGuard sensors collect data in the field and you can monitor it on a daily basis through the application



STORED DATA

- Hive weight
- Internal temperature / humidity
- Entrance / Exit of bees
- Weather conditions
- Geographical position
- Assessments by the beekeeper



PERFORMANCE

- Stock assessment
- Colony strength
- Daily mortality
- Yield and foraging dynamics
- Fall and theft detection.



ACTIONS & VALORISATION

- Landscaping: hedges, melliferous plant cover, etc.
- Commitments & compensation
- Changes in phytosanitary practices
- CSR communication



ANALYSIS

- Characterisation of pollinator habitat
- Chemical pressure and pollution
- Analysis of climatic effects



WHY CHOOSE BEEGUARD



Simple installation

of the sensors, no hive modification needed.



Control hives

giving a trend on the apiary and the territory within a radius of 3 km.



Data analysis

Real-time status of hives, available food bowl, mortality rate.



Multi-support application

for a global view and easy management of the apiary.



Valuation of actions

for biodiversity through factual measurements.



A network of professional beekeepers

to install and manage your hives.