B-GOOD

The EU-funded B-GOOD project:

GIVING BEEKEEPING GUIDANCE BY COMPUTATIONAL-ASSISTED DECISION MAKING

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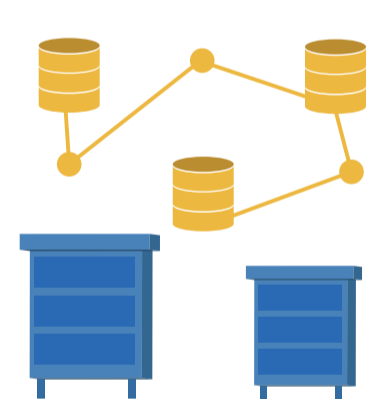
MISSION & VISION

B-GOOD will pave the way towards healthy and sustainable beekeeping within the European Union by following a **collaborative** and **interdisciplinary approach**. Merging data from within and around beehives as well as wider socio-economic and ecological conditions, B-GOOD will develop and test innovative tools to perform **risk assessments** according to a novel **Health Status Index (HSI)**.

B-GOOD has the overall goal to provide **guidance** for beekeepers and help them make better and more informed decisions.

WHAT MAKES B-GOOD UNIQUE?

Wide spatial network of honey bee colony data collection with close linkage to existing data
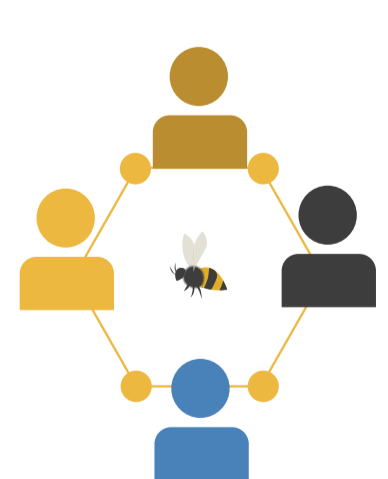
Innovative autonomous hive-monitoring technologies and techniques

Machine learning to identify relationships between the HSI and colony state

Simulation modelling linking data to the desired outcomes of the actor networks and stakeholder groups

Interactive multi-actor approach for co-creation and co-development of realistic solutions for stakeholders, beekeepers and policy makers

Learning and innovation system for knowledge transfer involving and targeting EU beekeeper networks

OBJECTIVES & ACTIONS

OBJECTIVE | Facilitate decision making for beekeepers and other stakeholders by establishing ready-to-use tools for operationalising the HSI.
ACTION | Develop new technologies, apply large scale testing and facilitate the coordinated and harmonised flow of data.

OBJECTIVE | Test, standardise and validate methods for measuring and reporting selected indicators affecting bee health.
ACTION | Carry out a pilot and several field studies in different representative European countries.

OBJECTIVE | Explore the various socio-economic and ecological factors beyond bee health.
ACTION | Identify viable business models tailored to different European contexts.

OBJECTIVE | Foster an EU community to collect and share knowledge related to honey bees and their environment.
ACTION | Develop a honey bee health and management data platform and affiliated website.

OBJECTIVE | Engender a lasting learning and innovation system (LIS).
ACTION | Bring together beekeepers, bee inspectors, other stakeholders and scientists.

OBJECTIVE | Minimise the impact of biotic and abiotic stressors.
ACTION | Enable adaptable and timely mitigation actions aimed at alleviating the impact of different stressors.