

# Honey bees in the ERA context



What is done?

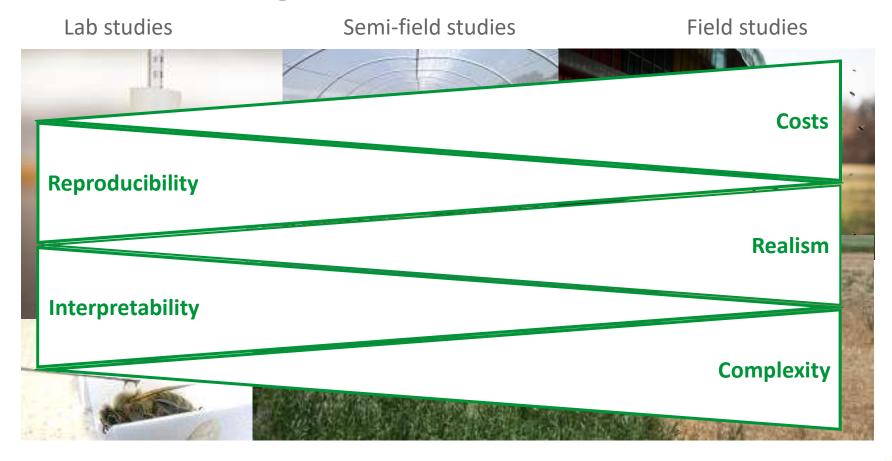
Lab studies Semi-field studies Field studies



# Honey bees in the ERA context



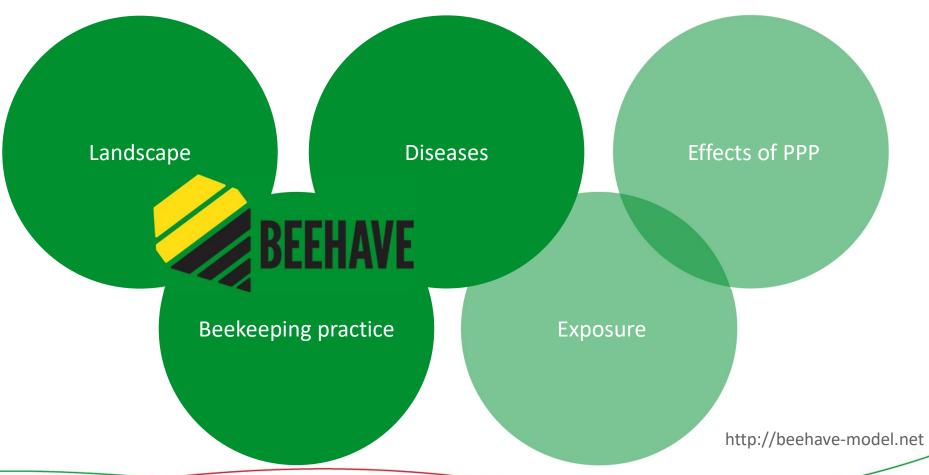
What are the challenges?



# Honey bees in the ERA context



#### What is BEEHAVE?



### **BEEHAVE**

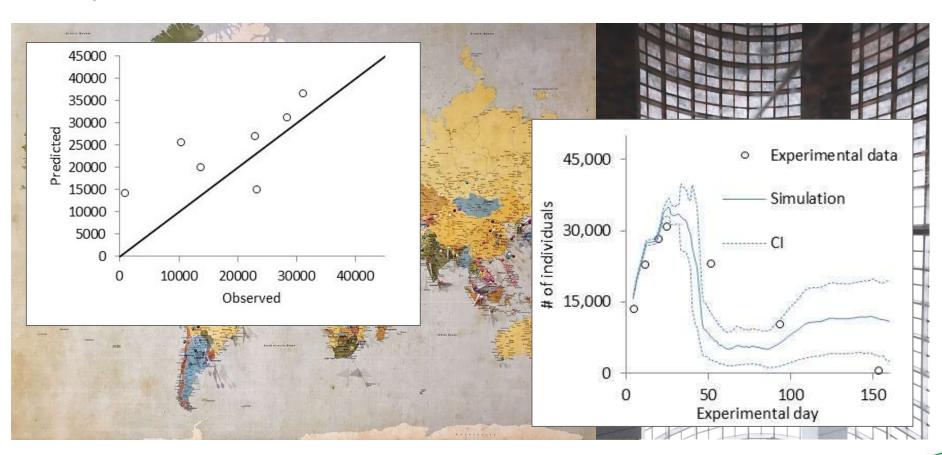


#### How does BEEHAVE work?



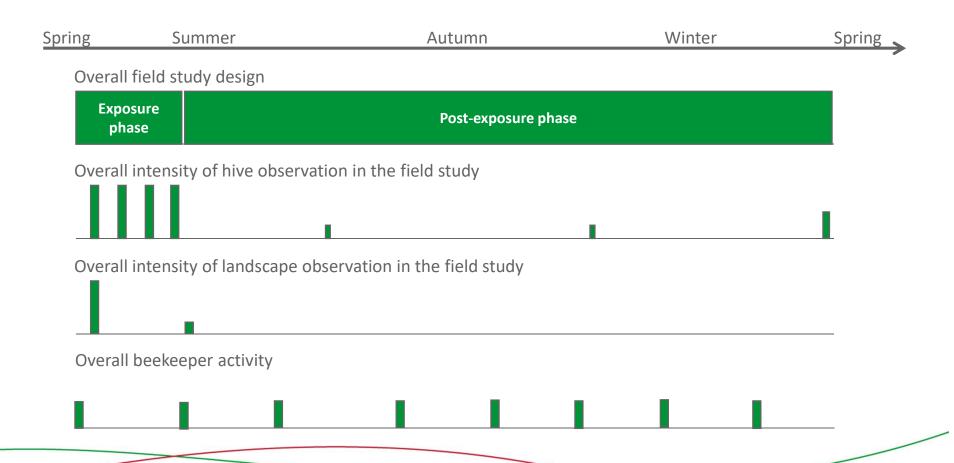


Why and how do we validate BEEHAVE?



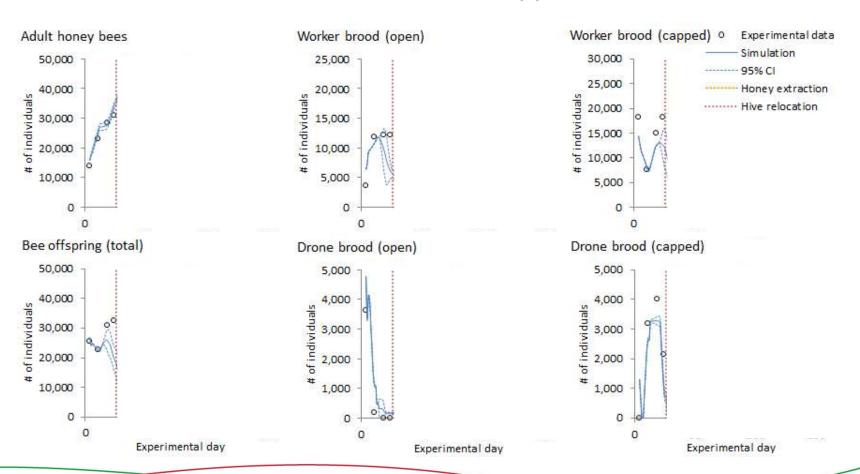


#### How do typical honey bee field studies look like?



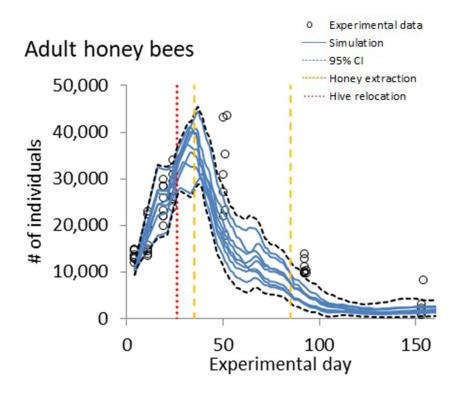


How well does BEEHAVE simulate what happens in the field?



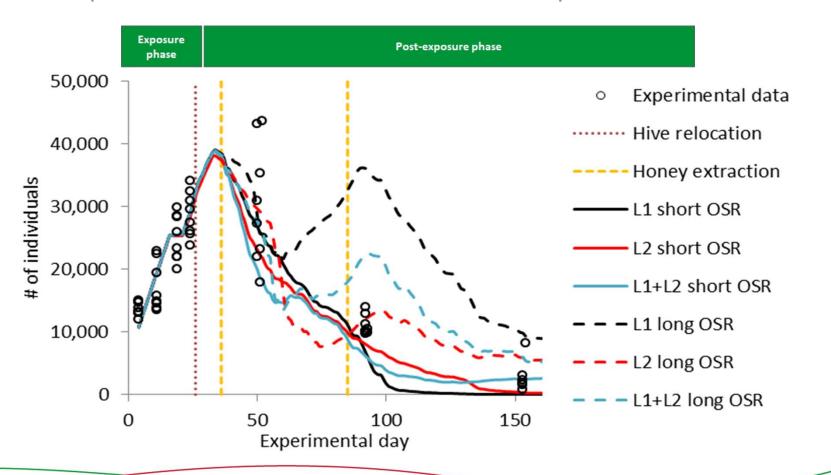
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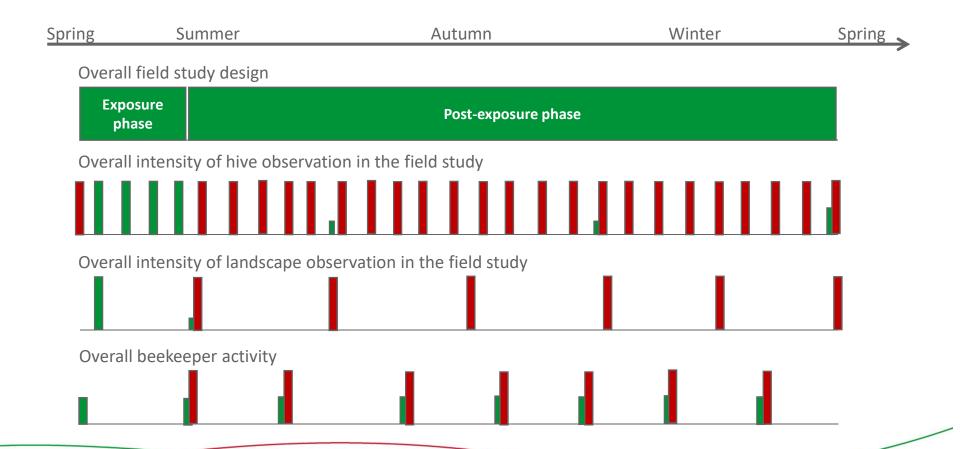


How important is information from the landscape?





What is done and what is needed to validate BEEHAVE?



## Insights for field study design



What does that mean for future field studies?

- Starting conditions of the colony just before the experiment starts
- Colony specific and not treatment specific documentation
- "Standard beekeeping practice" is not detailed enough
- Redistribute efforts across the entire experimental phase

## **Thanks**



