



The hives are made from recycled plastic, hemp wool and sawdust, and the two-chamber system makes it quick and easy for beekeepers to remove honey without disturbing the bees. | Photo source [HIIVE](#)

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## MODULAR BEEHIVE MIMICS THE SHAPE OF TREES



### This new design will help bees to stay warmer in winter and cooler in summer

**Spotted:** The new beehive design gives the 150-year-old box set-up a much-needed update. Designed by German startup HIIVE, the organic shape provides bees with the comfort of a tree cave, one of their most common natural habitats. The conical shape also solves one of the main challenges facing bees each year: how to stay warm in winter.

Natural tree hives are much easier for bees to heat, therefore removing a significant stressor on their survival. HIIVE's hives are designed with a similar purpose in mind. The natural shape of the design also helps a colony naturally withstand parasitic health scares. This reduces the number of chemicals that are required to keep each hive healthy.

The hives are made from recycled plastic, hemp wool and sawdust, and the two-chamber system makes it quick and easy for beekeepers to remove honey without disturbing the bees.

The company is currently developing the accompanying app which will assist beekeepers with tasks including health checks and alerts when a swarm is likely. Ten prototypes are currently being tested in the field, and the team says that commercial production will constitute the next step. Interested beekeepers can sign up for the waitlist in order to be notified as soon as hives become available.

Other means of keeping bees healthy that Springwise has spotted include a sustainable hive made from [mycelium](#) and [green roofs](#) on bus stops in the UK that help increase local biodiversity.

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## **Takeaway:**

Honey bees are integral to human survival that researchers. Consequently, institutions and innovators worldwide are working to improve their environments and restore lost habitats. One of the largest additions to the race to save the bees is the University of Florida's new [World Honeybee Health](#) website. The platform is open source and tracks the global distribution of dangerous pests and pathogens in real-time. Contributions are invited as is the sharing of best practices and other lessons and knowledge.