


EVERY WEEK WE INTRODUCE ONE ISRAELI COMPANY WHICH WE RECENTLY ENCOUNTERED AND BELIEVE MIGHT INTEREST YOU*

THIS WEEK: 


BEEWISE DEVELOPED AN AUTONOMOUS BEEHIVE THAT OPERATES WITH ALMOST NO HUMAN INTERVENTION, USING AI-POWERED PRECISION ROBOTICS, ALLOWING BEEKEEPERS TO REMOTELY TREAT THEIR HIVES. SAVING BEES, IMPROVING YIELDS, POLLINATION AND HONEY PRODUCTION.

THE CHALLENGE: GLOBAL LOSS OF BEES CAUSES SHORTAGE OF KEY FOOD CROPS

WHY ARE BEES IMPORTANT? BEES ARE ESSENTIAL IN MAKING LIFE POSSIBLE FOR HUMANS. BEES ARE THE WORLD'S MOST IMPORTANT POLLINATORS, FERTILIZING A THIRD OF THE FOOD WE EAT.

 **DID YOU KNOW THAT BEES ARE ALSO PARTNERS IN ACHIEVING THE UN SUSTAINABLE DEVELOPMENT GOALS? AS POLLINATORS, BEES PROMOTE BIODIVERSITY (GOAL 15) AND FIGHT HUNGER (GOAL 2). THEY PROVIDE DECENT JOBS (GOAL 8) THEREBY ADVANCING GOAL 1, NO POVERTY.**

 **GLOBAL BEE POPULATIONS HAVE BEEN SIGNIFICANTLY DECLINING DUE TO USE OF PESTICIDES, CLIMATE CHANGE AND COLONY COLLAPSE DISORDER. WITHOUT HELP, THE HONEYBEE SPECIES IS AT RISK OF GOING EXTINCT.**

 **MOST COMMERCIAL HIVES USED TODAY ARE NOT FUNDAMENTALLY DIFFERENT FROM THOSE USED IN THE 19TH CENTURY. BEEKEEPERS ARE REQUIRED TO PHYSICALLY VISIT THEIR HIVES FOR INSPECTION AND TREATMENT, USUALLY, ONCE EVERY FEW WEEKS. UNFORTUNATELY, BY THE TIME BEEKEEPERS VISIT THEIR HIVES, THEY MAY FIND THAT SOME COLONIES HAVE ALREADY COLLAPSED.**

A SOLUTION:

BEEWISE DEVELOPED A ROBOTIC BEEHIVE, WITH AN AI-BASED MONITORING SYSTEM, THAT OFFERS A COMPLETE SOLUTION TO THE NEEDS OF THE BEEKEEPER WHO CAN REMOTELY CONTROL HIS HIVES USING AN IPAD OR PHONE.

BEEHOME AUTOMATES ALL BEEKEEPING ACTIVITIES AND ALLOWS BEEKEEPERS TO CONTINUOUSLY MONITOR THEIR HIVES, BE TIMELY ALERTED WHEN TROUBLE OCCURS AND ADMINISTER THE NECESSARY TREATMENTS IN ORDER TO REDUCE COLONY LOSS. THEREBY SIGNIFICANTLY DROPPING BEE MORTALITY RATES.

THE AUTONOMOUS BEEHIVE USES CAMERAS, ROBOTIC ARMS, SENSORS AND OTHER SYSTEMS TO CONTROL TEMPERATURE AND HUMIDITY, MONITOR PESTS WITHIN THE HIVES, APPLY PESTICIDES AND HARVEST THE HONEY.

- **CONTROLLED FROM AFAR** — ALLOWS BEEKEEPERS TO ACCESS VITAL DATA AND REMOTELY MANAGE HIVES AS IF THEY WERE WORKING HANDS-ON.
- **AUTONOMOUS** — THE ROBOT WITHIN THE DEVICE TAKES CARE OF THE BEES IN REAL-TIME
- **LARGE SCALE** - CAN MANAGE 24 TO 40 HIVES AT A TIME
- **SELF-CONTAINED** — COMPLETELY SOLAR POWERED

[COMPANY WEBSITE](#)  [ARTICLE](#)  [VIDEO](#)

WHAT IS THE COMPANY LOOKING FOR?

BEEWISE IS LOOKING TO CONNECT WITH RELEVANT FOOD PRODUCTION COMPANIES SUCH AS OLAM, SYNGENTA, WONDERFUL ETC. AT THIS TIME, THEIR GEOGRAPHICAL FOCUS IS MOSTLY US AND EU.

FOR FURTHER INFORMATION CONTACT [HERE](#)



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