TECHNO-HIVE



Supplier Of Bee Services

My Yesterday's Dream...



~ Fleet Engineer Manager ~





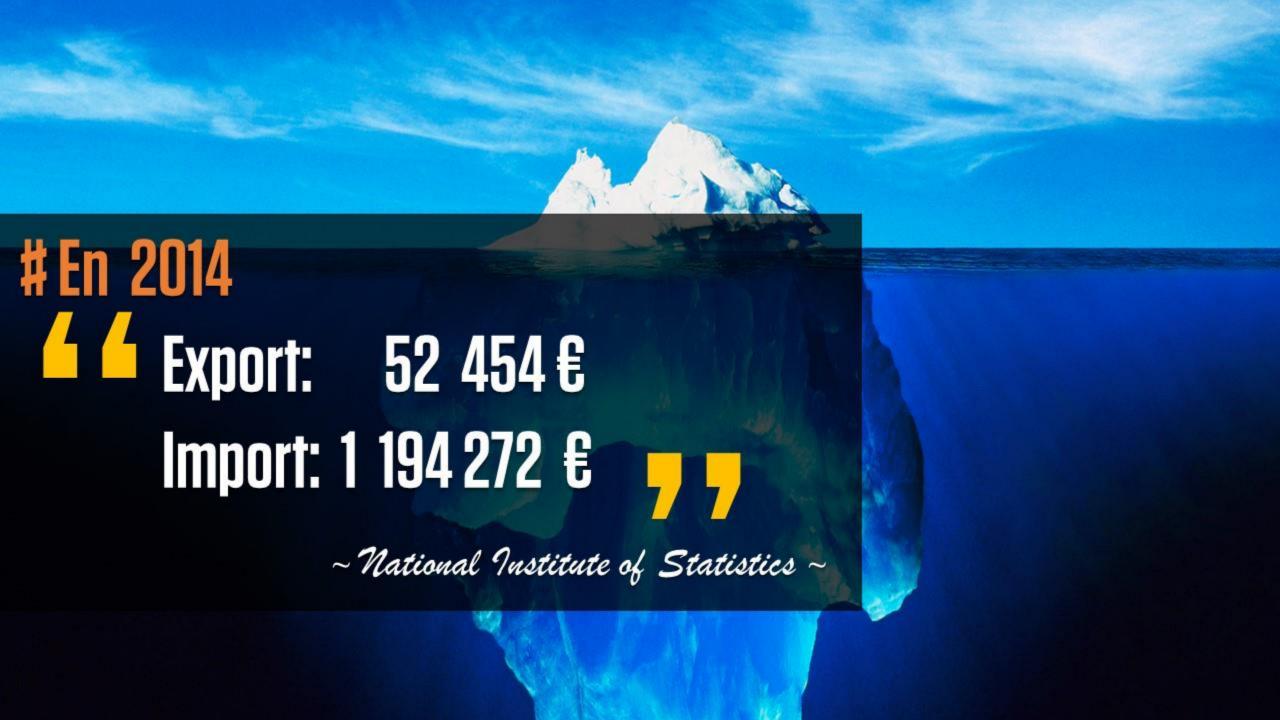
My Today's Dream ...



I believe that saving bees is crucial to ecological balance."

Khaled Bouchoucha













Investigation







PROBLEM OF MANAGEMENT











PROBLEM OF HIVES CONDITIONING

Architecture of the System

Extract data from the hives

Acquisition & Data Processing

Alerts, Recommendations, forecast ...

Slave boards

one card per hive Contains all necessary sensors

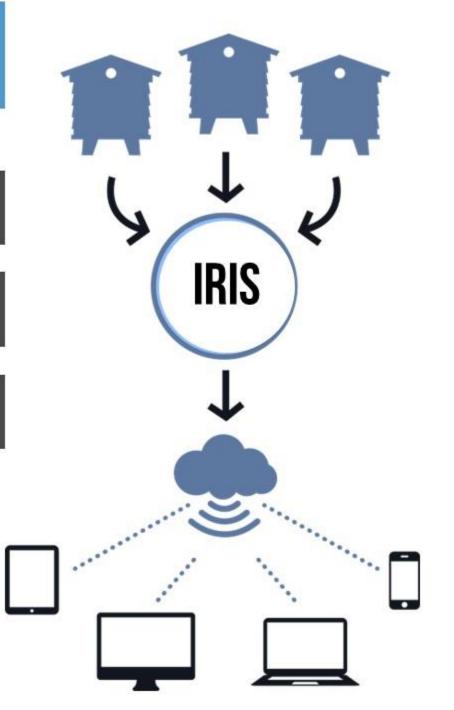
Master board

one card per 30 hives.
Role: Collecting all of the data from slaves and forwarding them to the net

Server & Software

Transmitting the data to beekeepers:

- Warnings
- Expectations
- Recommendations





- Security: receive an SMS if your hive has been moved or stolen.
- Summer and spring: Follow the growth of the hive in spring and the nectar flow.
- Winter: Check the status of bees and alert the beekeeper if the hive is too humid and requires ventilation.
- Standardization: Check if the honey have a better quality.



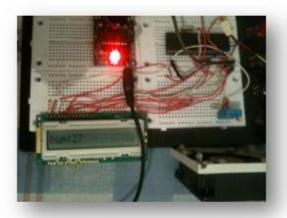


No more Bad hives..

Only STRONG hives



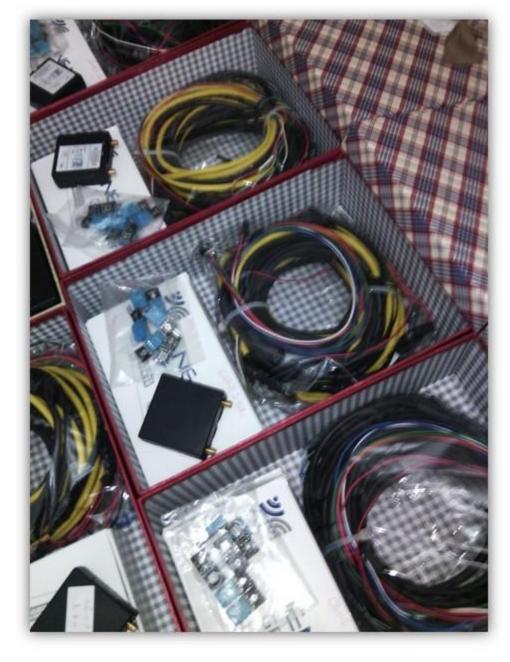
Our Prototype



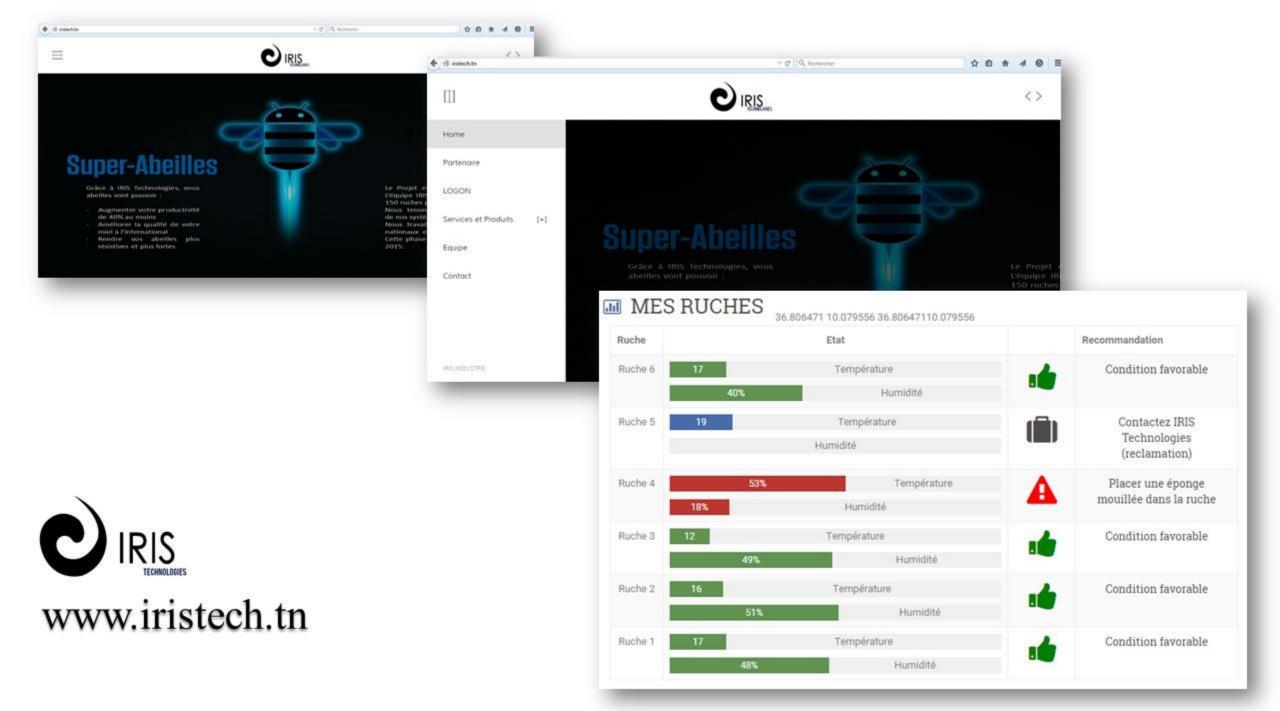








First Version Final Version



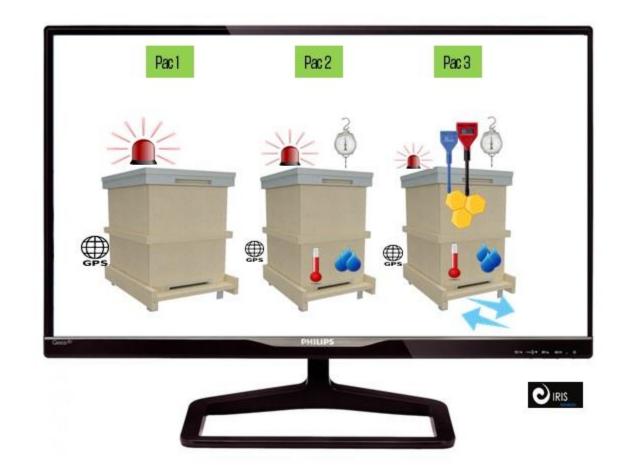
Monitoring Packages

Security kit

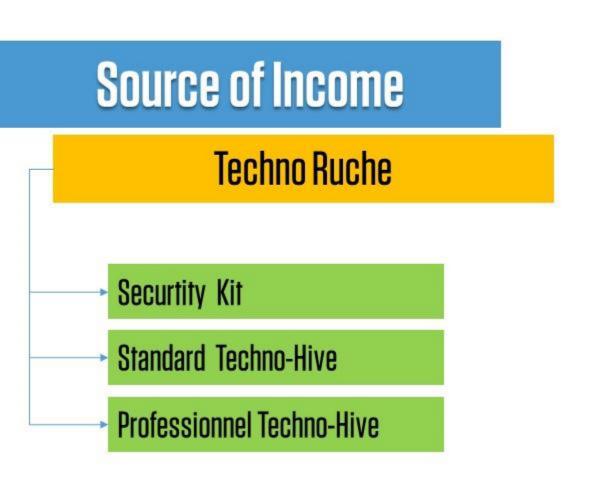
For all Beekeepers

Standard Techno-Hive Beekeepers with 30 hives or more

Professional Techno-Hive Beekeepers with 200 hives or more



IRIS Business Model





Psychological price

Min: 800 DT

Max: 1900 DT



Milestones

2015: Development Of the Minimum Viable Product

- Development of several prototypes
- Studying risks
- Establishing a strategic partnerships
- Testing
- Final validation of the MVP

2016: Sales techno-Hive

- Targeting all the Tunisian market
- Improving the system
- validation of new features

2017: Tunisian Honey Standardization

- huge opportunity
- Development of technical tools to measure the quality of honey.
- Cooperation with state institutions

2018: International Market



Team



Eng. Khaled BOUCHOUCHA
CEO & Founder



Eng. Marwa HASSOUMI Technical Manager



Eng. Abdelmajid AZOUZI Beekeeping expert



Eng. Imen BAKHOUCHE HR Manager

Current Partners











