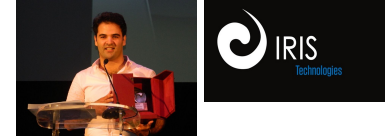


IRIS TECHNOLOGIES

Innovative Tech (Digital - IT - Robotics - IoT - Smart City)



One line pitch:

We use technologies to help beekeepers to increase their productivity and to improve honey's quality.

Market Analysis:

According to the Tunisian National Institute of Statistics, Tunisia produce around 8 Kg per hive per year. 16 000 beekeepers are suffering from: - An average loss of 22.3% in winter hives - Exporting difficulties - Stolen beehives - A Honey conservation problems - Diseases According to the Tunisian National Institute of Statistics too, Last year, Tunisia exported honey to a value of 115 309 DT and imported honey with an amount of 2 627 399 DT.

Business Proposition:

New technologies can be a perfect tool to help beekeepers. Embedded electronics, telecommunications and other technologies may serve as tools for measurement, continuous monitoring and decision making. All internal and external factors that influence the hive, can be measured and quantified. Firstly, sensors extract data from hives. Secondly, data are transmitted to our cloud for a data processing session. Finally, the system generate all needed warnings, recommendations and previsions. Currently, we successfully develop 6 versions of prototypes in collaboration with Green STMicroelectronics and GreenControl (two companies specializing in electronics) The first test phase is finished. We were able to increase the productivity with an average of 25 to 45%

Competitive Advantage:

- IRIS Technologies introduces the features presented by the competitors and adds others. - Not only monitoring in winter and during the active season, IRIS Technologies also introduced tools to secure hive and improve quality's monitoring. - In fact, the majority of competitors provides basic information for the state of the hives. They do not offer any long-term vision or plan of action to optimize the performance or quality. - IRIS Technologies aims to provide a consulting services for beekeepers based on detailed analyzes of received data. - IRIS help beekeepers to achieve specific goals. Some beekeepers aims to increase the number of hives, the other aimed at producing the best races of bees, on the other intended to produce propolis or other beehive products.

Investment Attractiveness:

Technical feasibility: - Currently we can measure any physical and quantifiable parameter. - Technology offers us a huge variety of sensors with good accuracy with a reduced cost. - Temperature, humidity, weight, bee's buzzing and other important parameters are now measurable - Technologies are introduced in all areas but much less in the field of beekeeping and This is a great opportunity to launch a specialized start up. Financial feasibility: Currently, IRIS Technologies has succeeded to have funding to start-up.

IP Situation:

We are currently working with the National Institute of Standardization and Industrial Property to file a national patent

COMPANY PROFILE

• **Website:**

www.iris-tech.tn

• **Contact:**

BOUCHOUCHA Khaled
khaled.bouchoucha@iris-tech.tn

• **Location:**

Pole technologique El gahzela
Tunis Pole technologique El
gahzela Tunis
1110 Tunis
Tunisia

• **Founded in: 01/07/2015**

• **Employees: 5**

• **Management:**

• **Financial information (€):**

- **Company stage:**

- **Capital raised to date:**

155 000 euro

- **Monthly burn rate:**

- **Capital seeking and date:**

• **Investors:**

INTILAQ : 50 000 euro, start up
factory: 30 000 euro ,
Capitalease: 50 000 euro ,
Souk Attanmia: 25 000 euro

• **Referred by:**

mohamed salah frad