

Entrepreneurial ID «venture leaders» 2009



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Project/ Company name:



Short description: AgoraBee provides a complete platform for active RFID (Radio-frequency Identification) and location-aware WSN (Wireless Sensor Network)

Web site: www.agorabee.com

Industry: ICT – RFID

The venture leader

I'm a 27-year-old Belgian living in Switzerland for 8 years and the co-founder of AgoraBee S.A.

In 2008, I graduated from the EPFL with a MSc in micro and nano systems engineering and a specialization in biomedical engineering. My main motivation as an entrepreneur is the desire to create something new. The desire to create innovation by combining technology, intuition and a need for a solution or a product on a market. Growing a long-lasting business from scratch requires lots self-motivation and lots of versatile skills, it's everyday a new intellectual challenge. I'm enjoying those challenges.

During my studies, I have worked as an assistant in several EPFL laboratories and in two trading companies. In 2007, I have started to work on the project of an active RFID platform with several persons of the LEG (EPFL). It has finally led to the foundation of AgoraBee S.A. in march 2008. AgoraBee has won this year the IMD startup competition.

The Company / project

AgoraBee S.A. is currently marketing a Radio-Frequency (RF) communication platform dedicated to active RFID (Radio-Frequency IDentification) and Wireless Sensors Networks (WSN). Opposed to traditional Reader-Tag RFID architecture, AgoraBee's key technological added value is its AdHoc feature. The relays are automatically connected together forming a wireless network with no configuration. The coverage of the RFID reader that centralises and transmit further received data from on the field data carriers called tag is thus extended on demand. This allows the easy deployment of a location-aware identification and wireless sensing solution. AgoraBee's battery powered tag products can integrate different source of information. It can be a simple serial number or sensed data like temperature, movement, pressure, etc. Depending on the application, battery life can be as high as 15 years. Our market position is to be an OEM (Original Equipment Manufacturer) active RFID and WSN solution provider. The second key added value of the company is its ability to customize its technology to a specific demand, e.g. form factor, communication interface (PDA, hardware integration, etc.), sensor, housing color, etc.

Our sales channels are mainly IT integrators, solution providers and distributors. AgoraBee's chinese representation has the capability to produce electronic devices at a very competitive price. Current targeted markets are: Logistic / Conveyances / Supply chains, Security, Pharma / Healthcare, Entertainment.

The company is currently employing 4 persons that are gathering more than 40 years of experience in embedded systems, RFID, sensors and manufacturing. We are looking for partners in the United States.

