



## ICOHUP

### One line pitch:

A high performance yet low cost sensor to measure radiation exposure : for general customers (radon gas sensing) and industry.

### Market Analysis:

Radiation detectors sales represent several hundred millions dollars per year around the world. There are three main limitations to the wider diffusion of these sensors: - Low cost products are not efficient. - Understanding is difficult due to a lack of pedagogy in data display. - Most of the sensors are not connected to internet; Our innovations give us the keys to grow this market. Then we focus on some specific activities (wearables sensors, airborne,...) to scale up. The long-term vision is the complete replacement of Geiger-Counters with our technology.

### Value proposition:

The most efficient radiation sensor available on the market : we propose the best ratio between performances, cost, size. It induced many advantages : • Identification of origin (isotopic) • Measurement pedagogy • Connectivity (smartphone, cellular networks, wifi, ...) • Mapping tool • Combined gamma / alpha detection • Use on drone (thanks to the low weight) • Real-time radon measurements • Smarthome connectivity (steering ventilation) • Identification of the cause of the presence of radon (machine learning)

### Business Model:

We are selling the sensor itself at about € 400 VAT (\$ 450), on websites (our own, amazon, etc.) and through distributors. Our mobile app will be free. We also proposed sensors leasing about 20 €/month (depending of included services).

### IP and Regulatory situation:

The state of the art does not reveal any patent limiting our activity. We are currently writing two patents. Moreover, two trademarks were filed with the French Office (INPI): Rium and Icohup. Rium is our product name, and Icohup is our company. Additionally, we will benefit from an evolution of European regulations on public radiation exposure in buildings.



by **icohup**

## COMPANY PROFILE

- **Website:**  
<http://icohup.com/>
- **Field:**
- **Contact:**  
PATTON Gael  
gael@icohup.com
- **Location:**  
1 avenue d'Ester  
87000 Limoges  
France
- **Founded in:** //12/16
- **Employees:** 3
- **Financial information (€):**
  - **Company stage:**  
Scalabilty phase
  - **Capital raised to date:**  
97 000
  - **Monthly burn rate:**  
6000
  - **Capital seeking and date:**  
300 000, December 17
- **Investors:**  
Founders , Business Angels