



KANOPEE

One line pitch:

KanopEe designs digital services based on a high resolution predictive map of air quality, making users actors in their exposure to air pollution.

Market Analysis:

Market size for air quality information through mobile applications is hundreds of millions of users worldwide, increasingly conscious that air pollution is the single environmental and health issue of this century. City dwellers suffering from respiratory diseases alone represent 30% a minima of an urban population growing at a pace of 5% p.a globally. We plan to access this emerging market through major companies engaged in Health, Sport and Smart Cities, and eager to develop high end services for their customers related to air pollution exposure. Primary targets include insurance, sports apps and real estate, sectors particularly active in developing digital services at a global level.

Value proposition:

Weather, traffic and city structure have a direct impact on air pollution, which can vary a lot from one street to another, from one hour to the next. KanopEe offers digital services for users to better plan their activities of the next 24 hours, depending on the air pollution level of the place where they want to go, choose the cleanest route and keep a record of their own exposure. The technological core of the project relies on an enhanced modelization of air pollution. This model takes into account all polluting sources, city structures and weather data. It creates a 3D high-resolution map of air pollution, at city scale, for each of the pollutants (Particulates, O3, NOx, CO, allergens).

Business Model:

KanopEe will transform a raw air quality data provided by advanced mathematical algorithms into innovative personalized digital services with high end functionalities aiming at reducing end users' exposure to air pollution. These services are meant for companies involved in health prevention, sports and events and smart cities actors. They include taylor made mobile applications, behaviour data, APIs and air quality mapping at various levels of resolution. Revenues generated by direct sales to B2B customers will be twofold: concept and maintenance and calls volume invoicing in a run mode (Click per 1000 calls or subscription).

IP and Regulatory situation:

Air quality raw data is either coming from open access sources (Copernicus European Earth Observation) or generated by high resolution models under licensing. We are partnering with labs and engineering companies for developing a unique multi-models platform necessary for providing high end services. This innovation will be protected by full confidentiality or possibly a patent. We also intend to patent the global system, which will integrate external collaborative information provided by end users. In addition, we plan to patent the ergonomics of the mobile platform as well as the air quality indicators that will be specifically developed for recording individual air pollution exposure.

KanopEe

COMPANY PROFILE

- **Website:**
- **Field:**
- **Contact:**
SAUVAGE Laurent
laurent.sauvage@kanopee-city.com
- **Location:**
11 rue royale
69001 Lyon
France
- **Founded in:** //05/2016
- **Employees:** 3 associates as of September 2016
- **Financial information (€):**
 - **Company stage:**
Proof Of Concept
 - **Capital raised to date:**
50.000,00
 - **Monthly burn rate:**
70k€ in run mode first 12 months
 - **Capital seeking and date:**
500k€ Q1 2017, 1M€ Q2 2018
- **Investors:**
Jean-Christophe Domez-Fontaine 30%, Catherine Bach 30%, Laurent Sauvage 40%