

Business Request

Swedish Health- and Envirotech company working against air pollution.

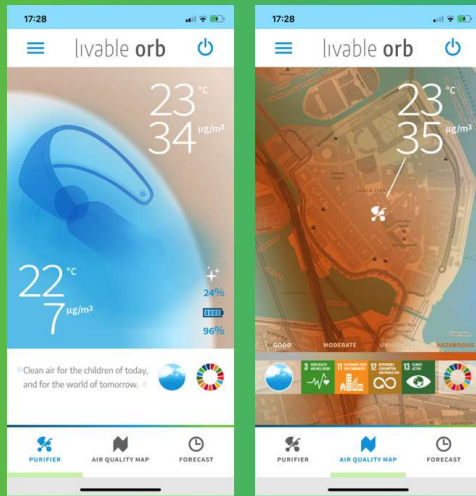
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Summary

A combined Health- and Envirotech company based on a portable air purification technique made to be used together with various child transporting devices, eg strollers, prams, or car seats. Equipped with air quality sensors and connected to an app on the user's phone we're potentially making every parent into a portable measuring station. Making it possible to more precisely map the underlying problem, air pollution, and by doing this help to provide information to build more sustainable cities.



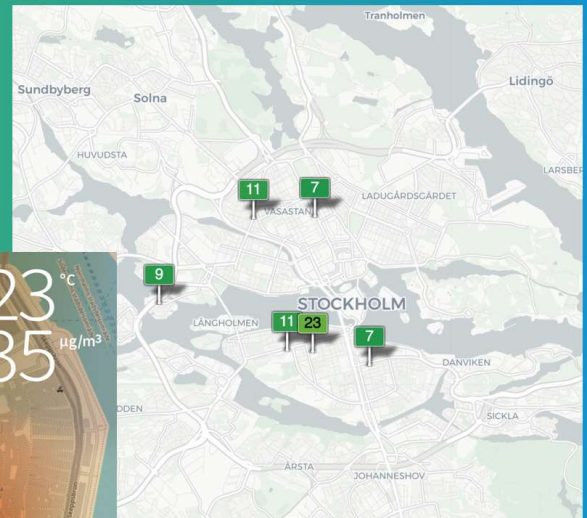
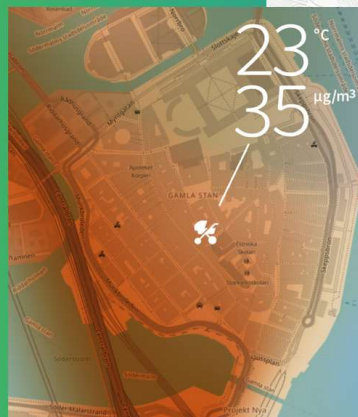
livable orb



- ✓ App
- ✓ Interactivity
- ✓ Warnings
- ✓ AI - Forecasts

livable orb

- ✓ Portable measuring stations
- ✓ Mapping
- ✓ Big Data
- ✓ IoT



Description

A combined Health- and Envirotech company focused on air pollution.

Air pollution, being one of the major problem areas in the world. >90% of the world's population today live in areas where the air is considered unhealthy (World Health Organization). Children are the most sensitive, and exposure to high levels of air pollution, especially during their first year, is associated with negative effects on their development, high levels of morbidity, mortality, and reduced quality of life, as well as an enormous cost for

the society.

The company is based on a new, revolutionizing portable air purifying technique and product making it possible to protect children from the harmful effects of air pollution while eg in a stroller, pram, or car seat. The product creates a safe and clean atmosphere around the child without encapsulation, providing added value to existing products.

The product is equipped with sensors measuring air quality (particles and gases) both inside around the child as well as and outside which is presented to the user via an app on their phone.

The other part of the company and business idea is Big Data and IoT based on the sensors and app described above. Today there are approximately 20 000 air quality measuring stations around the world, which means they're sparsely situated. By connecting the portable air purifier to the app, mentioned above, and connecting them to a server and wide network of other users they become portable measuring stations making it possible to create a more detailed map of the air quality in their city, warning them about heavily polluted areas, etc. Combined with AI and weather data they can also get air pollution forecasts. The users will become a valuable and powerful tool, complementing the fixed measuring stations, in helping us better understand the underlying problem and how to prevent it. By allowing eg community builders, scientists, and organizations to access this data, turning it into knowledge about how to build healthier and more sustainable communities.

The company is looking for partners that either wants to sell this kind of product, or to integrate this new, revolutionizing technique into their own products, providing added value. These partners could be retailers or manufacturers of eg strollers, prams, bicycle carriers or car seats. These partners might also be interested in adding an interactive value to their product and be able to better communicate with their customers.

When it comes to IoT, Big Data, and air pollution the company is looking for partners working on smart cities, science, and/or city planning. To help develop, evaluate, and process gathered data. These partners could be organizations working with public health, community builders, and/or scientists working with public health, air pollution, etc.

Other interesting partners are the ones understanding the local markets in different regions in eg India and South Asia. To help the product reach the markets, conduct market surveys, and help to provide a better understanding of the customers and their needs.

Advantages and innovations

New revolutionizing air purification technique with an approved PCT. Unprecedented efficiency as well as added interactivity, working with IoT and Big Data.

The product and underlying technique can easily be integrated into existing products providing them with added value. It can also, thanks to its size and shape, be fitted into other existing products (eg strollers and prams).

Combating air pollution, protecting the most sensitive individuals and at the same time being part of the solution will help build healthier and more sustainable communities.

Technical Specification or Expertise Sought

The product and underlying technique have a wide array of adaptations. That's why we're looking for

1. Retailers that can distribute, market, and sell our products, working toward the consumer.
2. Manufacturers that are able to see the added value we provide and hence are willing to integrate our technology into their own products (eg baby strollers/prams, car seats, cradles et.c)
3. Institutions (organizations, community builders, universities et.c) interested in the information that is generated by our portable measuring stations.

We do not seek to monitor people, all we want is to gain more knowledge about air pollution and how to prevent it.

We are open to looking at local manufacturing partners to produce our products for the Asian markets. In the case of a local manufacturing partner, it's crucial that they meet our requirements. These include fair wages and a safe working environment for the employees, a sustainable and environmentally friendly production facility, and high quality. The product has to meet all the safety requirements as well as live up to our high standards.

We aim to meet a growing market, being an early mover, hence will have to be able to produce possibly millions of units each year.

The product needs to meet the requirements when it comes to the materials as well. The weight can not exceed 1,5 kg.

The production cost, including electrical components, needs to be below 40 €/unit.

COMPANY INFORMATION

Established: 2018

Turnover (€): <1M

Client type and size: Industry SME <= 10, Sweden

Already engaged in transnational cooperation: No

NACE keywords

- Other human health activities
- Other information service activities n.e.c.
- Other manufacturing n.e.c.
- Other professional, scientific and technical activities n.e.c.

Sector Group: Environment

Languages spoken

- English
- French
- German
- Norwegian
- Swedish

Certifications

- none

Additional comments

We have a good knowledge of which standards and certifications we need, but we're currently under development. Our MVP will be ready within a month or so. We will then be able to list the different certifications and standards that we meet with our product.

PARTNER SOUGHT

Type of partnership

- Commercial agency agreement

- Distribution services agreement
- Joint venture agreement
- License agreement
- Manufacturing agreement
- Services agreement
- Supplier agreement

Type and role of Partner sought

The kind of partners are:

Industry - either manufacturing partner to produce our own products for eg the Asian market. Production includes the making of plastic components, electrical component production/assembly as well as assembly and textile work. Also a manufacturer of products that can integrate our technology into their own products which might be done by a license agreement.

Business - actors with a network of retailers, distribution, and sales.

Academy/Organizations - to work with IoT and Data. To evaluate and process the gathered data into useful information/knowledge. To work on smart cities and work on air quality.

Market keywords

Type and size of partner sought

- >500 MNE

Targeted countries

- Argentina
- Brazil
- China
- France
- Germany
- Greece
- India
- Indonesia
- Italy
- Japan
- Poland
- Russia
- Singapore
- South Korea
- Spain
- Taiwan
- United Kingdom
- USA
- Vietnam

OTHER

Deadline day count 365

Attachments

