OTOH

smart sound monitoring for everyone

Hi! We are OTOH

a company that offers intelligent sound monitoring services for everyone

developed by a Finance and Innovation team operating in the acoustics market

Our mission is to ensure health and well-being through an intelligent service that fits in your pocket

The Problem

Increase in Urban Noise.
The exponential growth of cities and mega-cities is directly linked to the increase in population in urban areas.

Increase in Urban Noise.
As a direct result of city growth, it receives evident the increase of noise, especially in urban areas.

WHO
Who the main pollutions are

Increase in complaints
In the city of São Paulo, there have been 30,000 complaints regarding noise, in the left-hand side is excessive noise.

Impacts of Noise Pollution

ENVIRONMENTAL
Urban noise has a direct impact on animal lives that share cities as their habitat.

Imbalance in urban fauna

PHYSICAL DISEASES
Extended exposure to noise can lead to permanent damage to human health.

Lungs · Stomach · Heart · Metabolic · Neurological

ECONOMIC
The impacts of noise on the economy can range from construction bans to devaluation of land and abandonment of residences.

Devaluated · Abandoned

MENTAL HEALTH
Noise exposure directly affects people's well-being, and can trigger feelings of irritation, anxiety, stress and insomnia

Annoyance · Stress · Insomnia · Anxiety · Depression

Noise Management - The Problem

Diagnosis
In the field of acoustics, a proper diagnosis is achieved through sound monitoring, which enables the assessment of noise levels and sound pressure levels over time in a specific location.

High Cost
Currently, the costs associated with this type of service are quite high as they involve specialized equipment and skilled labor.

Complex Data
The data extracted from these measurements are complex and challenging to analyze, requiring the expertise of skilled professionals to ensure accurate diagnoses.

Time Factor
Due to the high cost, people often opt for sporadic measurements that do not fully characterize the local noise environment, leading to incorrective or even inaccurate results.

The Solution: Low-Cost Sensor

The Solution: Digital Platform

The Solution

Our Approach

Low Cost
Sound monitoring service that fits your budget

Versatile
Sound measurements anywhere, within the desired time frame

Reliable
Contractual guarantee of security and privacy

User Friendly
Simple and user-friendly interface with quick and accurate access to all data.

How it Works

1. **HIRE**
Our team will determine the best hiring model based on your needs.

2. **INSTALL**
In no time our team will install the sensor in the desired location

3. **MONITOR**
At our platform, you'll have real-time access to data, the ability to print charts, and perform various analyses.

Our Competitive Advantages

Installation
Quick and easy with plug and play sensors

Aquisition
Real-time data aquisition

AI
Intelligent sound source identification.

Cloud
Our processing is entirely cloud-based.

Plataform
User-friendly and intuitive, with a responsive mobile-optimized device.

What is Necessary

Training
To begin your experience on our platform, it is recommended to watch a quick 2 minute training.

Electrical Points
At the installation site, it is necessary to provide electrical points for sensor installation.

Displacement
Team displacement is crucial to ensure proper sensor functioning.

We Can Work With

Construction Market
The correct management of construction noise reduces the impact on the surrounding environment, the legal issues and avoiding fines and shutdowns.

Event Venues
Event monitoring facilitates compliance with current regulations and fosters a harmonious relationship with the neighborhood.

Facilities
The evaluation of noise in indoor environments promotes a healthy ambiance, leading to reduced stress and improvements in learning and productivity.

City Halls
Urban noise management helps in understanding the development of noise and in the development of city zoning plans and public policies.

Awards, partnerships and clients

Connected Smart Cities 2022
We are the finalists of the 5th edition of the Connected Smart Cities Award in the Pro Operational Business category.

24º PRÊMIO CREC TRENDALL SUSTENTABILIDADE 2022
CERC Award
We are the 2nd best startup in the 24th CREC Innovation and Sustainability Award

PREFEITURA DE FLORIANÓPOLIS

CAIXA
CAIXA ECONÔMICA FEDERAL

CYRELA · PROGEN · UMA UMA · Sesc · urbia

Business Model

Pop & Dive
Hire our service for the desired location and begin monitoring in your needs.

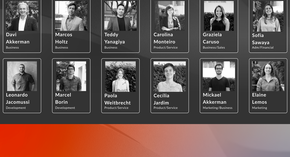
Real Time
Keep track of noise levels in real time on our digital platform.

Identification
Identify the main sound pollutants with our sound intelligence.

Limits
Stay informed about moments when noise levels exceeds established limits.

Communicate
Perform analyses according to your needs on our digital platform.

This is Our Team



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Teddy Yanagiya — Business
Carolina Maciotta — Product
Graziela Caroni — Business Sales
Sofia Sawaya — Sales Engineer
Leonardo Jacomussi — Development
Marcel Borin — Development
Paula Weitbrecht — Product Designer
Cecilia Jardim — Product Designer
Mikael Akkerman — Marketing/Business
Elaine Lemos — Marketing

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