Park & Breathe

Advanced air quality data from Flowbird

Measure air and noise pollution for better environmental control

Pollution and noise in urban areas are a rising concern to the quality of life, and health of citizens. Air quality and wellbeing in these areas are now regarded as crucial factors, and represent a major public health issue for local authorities.

Flowbird's pollutant sensor network, helps you investigate, and respond to local environmental concerns.

- A simple, modular and dynamic solution
- Easy and quick deployment on parking kiosks
- Pollutants measured shoulder-high
- A multi-sensor kit: NO_2 and fine particles

Park & BREATHE
BY FLOWBIRD

Breathe better, live better

Through the use of existing parking kiosks, Flowbird's advanced air quality data provides smart cities with actionable information.

Noise and pollution measurement tool

Park & Breathe ensures that policymakers have access to information about the pollution and noise that citizens are exposed to in urban areas. This solution helps to map these nuisances, and adapt travel plans and urban planning initiatives accordingly. The reliability of this data provides a relevant and tangible response to environmental concerns, while also paving the way for new citizen services such as prevention, information, etc.

Integrated on-street solution

Park & Breathe is an economical and cost effective solution. It is based on the use of existing parking kiosks to create a network of noise and pollution sensors. Through the integration of multi-sensor kits on existing Strada parking terminals, noise and pollution can now be studied in real-time. Flowbird's parking terminals build a unique communication network, acting as the standard resource for data and insights throughout cities.

Real-time data management

A number of different parameters can be measured such as noise, photochemical pollution NO_2 (Nitrogen Dioxide), or even fine particles. Pollutants are measured on a regular basis at ear level and respiratory tracts. The data is sent to the servers via a modem present in each terminal. A secure online platform subsequently provides easy access to the data. The collected raw data is conveyed to policymakers, or may be accompanied by reports to enable personalised use.

APARC

Get real-time data on air
and noise pollution today.

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