

Air quality monitoring box

Cities



BOSCH
Invented for life



Check

Our air quality monitoring box offers the flexible approach to immediately examine the efficacy of measures utilised in a certain area and apply further specific adjustments where necessary.

Capture

The mobile application makes it possible to record air quality within the city and its environs, both swiftly and comprehensively. This helps to visualize the invisible. When it comes to changing the position of the box, all it takes is a few minutes and a 230V power connection! Our "Air quality dispersion modeling" simulation software is also used for more extensive geographic areas.

Analyze

Due to high-time resolution, all measurement data can be analyzed through Bosch visualisation software. The reliable database runs on the basis to provide

- ▶ accurate data to create transparency and acceptance for measures among the population (e.g. for particulate matter alarm -> mobility behavior, or changed route recommendations)
- ▶ to support marketing campaigns in a targeted manner
- ▶ to identify individual hotspots to provide the tools to make specific recommendations

Implement

By incorporating the actual air quality data, the corresponding measures are reliably dependable and enabled to be incorporated. Every application is closely monitored to ensure it's effectiveness according to suitable criteria (e.g. positioning the air quality monitoring box at various points).

Develop

In accordance with the principle of continuous improvement, tailored measures can be developed based on this measurement data. Using the reliable air quality data measures can be developed as quickly as possible.

