

# Oizom Devices Monitoring Air Quality in London

## *Our Client*

European Environmental Monitoring and Consultancy Ltd (EEMC Ltd) specializes in providing comprehensive solutions for environmental and engineering monitoring. They strive to bring the latest technological concepts and efficient designs in environmental monitoring to the UK marketplace, providing cost-effective solutions without compromising on quality. They focus on providing solutions that accurately measure air quality. By offering a combination of cutting-edge technology, expert knowledge, and a user-friendly platform, they cater to a wide range of clients, including environmental and engineering consultants, construction firms, and other organizations. Their solutions are designed to mitigate environmental impact, optimize project efficiency, and ensure regulatory compliance while mitigating risks for the clients.



## *The Challenge*

They needed reliable air quality monitoring devices that were capable of measuring air pollutants arising from infrastructure and construction, such as PM2.5 and PM10, as well as odorous gases. The company needed a device that would allow them to analyze the data and plan strategies to control emissions from a single platform. In order to comply with environmental regulations and protect workers and residents in the nearby vicinities, they needed to monitor air quality accurately.

### *The Solution*

They installed Oizom's MCERTS-certified devices on different projects and various cities to monitor the air quality accurately. They trust Oizom's devices for effective air quality monitoring. They are working with various clients to deploy the system in all major sectors, such as infrastructure, construction, and smart campuses. These devices provided real-time data on PM2.5, PM10, and odorous gases levels. The collected data was visualized on the Envizom platform, where further in-depth analysis can be done with the analytic module. This enables authorities to gain valuable insights into changes in air quality with time, identify potential pollution hotspots, and implement effective mitigation strategies.



#### Installation Details

Multiple Oizom devices for various usecases

### *The Result*

Deploying devices in different project locations gave them a clear picture of the overall air quality and accurate data about the pollutant level from each site. With Oizom's devices, construction site managers and smart city authorities can prioritize air quality as part of their overall efforts to improve the quality of life for workers and residents across the city. Envizom's user-friendly interface has streamlined the process of collecting and managing environmental data. It offers seamless data visualization and analytical features, which enable city authorities to develop effective strategies for air quality management, public health, and environmental compliance. With the Report module, city authorities track air quality on a daily, weekly, or monthly basis, which helps them ensure that activities within the city adhere to environmental regulations.

Oizom is a company specializing in environmental monitoring solutions. They offer products to monitor air quality, weather conditions, and other environmental factors. Utilizing advanced sensor technology and data analytics, Oizom aims to provide actionable insights for construction, industrial compliance, and community awareness. Their solutions can be applied in various sectors including government, industries, and community initiatives.