

# Oizom's Dustroid Continuously Monitors Construction Dust at J Kumar Infraprojects Ltd. for BKC Mumbai Metro Project Plant.

## *Our Client*

J Kumar Infraprojects Ltd is a prominent construction company based in India. They are engaged in constructing various infrastructural projects such as bridges, flyovers, subways, smart campuses, and so on. J Kumar Infraprojects Ltd. has a strong presence in India's infrastructure sector and has successfully completed numerous projects nationwide. They have a skilled workforce and access to modern technology and equipment, allowing them to deliver projects efficiently and within stipulated timelines.



## *The Challenge*

While working for the BKC Mumbai Metro Project, J Kumar Infraprojects Ltd. faced the challenge of controlling dust pollution. As with many construction projects, dust pollution was their primary concern. Dust can pose health risks to workers and residents in the surrounding area and negatively impact the environment. They needed a reliable and efficient way to monitor construction dust on its site. They needed a device that could continuously provide real-time data.

### The Solution

Oizom's partner, Technovalue Solution, installed two units of Dustroid Smart at the BKC Mumbai Metro Project construction site headed by J Kumar Infraprojects Ltd. Dustroid Smart is an innovative dust monitoring device specifically designed for construction sites to monitor dust. The Dustroid Smart offered several advantages to them, including:

**Remote Monitoring:** J Kumar Infraprojects Ltd. could easily monitor dust, temperature, and humidity remotely using the Envizon software platform. This eliminates the need for manual data collection, saving time and resources.

**Data Storage:** Envizon software reduces data storage concerns. All readings or data are securely stored on the cloud platform, allowing easy access and analysis.

**Frequent Updates:** The Dustroid Smart provides live readings every five minutes, ensuring J Kumar Infraprojects Ltd. has the latest information on air quality at its fingertips.

**Efficient Data Management:** Dustroid Smart provides accurate readings of dust concentration in real-time. It seamlessly manages and stores all monitoring data, providing a reliable repository for future reference and analysis.

“ The seamless functionality, precision, and durability of the OIZOM Dustroid Smart make it a valuable asset to my operations. I appreciate the attention to detail and the reliability of your products. ”

### Installation Details

2 Units of  
DUSTROID SMART  
for PM Monitoring

### The Result

Installing the Dustroid Smart for dust monitoring resulted in several positive outcomes. With real-time data on dust concentration, they could proactively take steps to control dust pollution. Deploying Oizom's Dustroid Smart created a safer working environment for its employees through regular dust monitoring, which helped implement dust control measures. Continuous real-time air quality monitoring data and implementing dust control measures helped them to demonstrate their commitment to environmental regulations.

By adopting the Dustroid Smart and Envizon software, JKumar is effectively addressing the dust pollution sources on its construction site. They gained a reliable and efficient solution for monitoring air quality, ensuring a safer work environment, and promoting environmental responsibility.

Oizom is a company specialising in environmental monitoring solutions. They offer products to monitor air quality, weather conditions, and other environmental factors. Utilising 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.