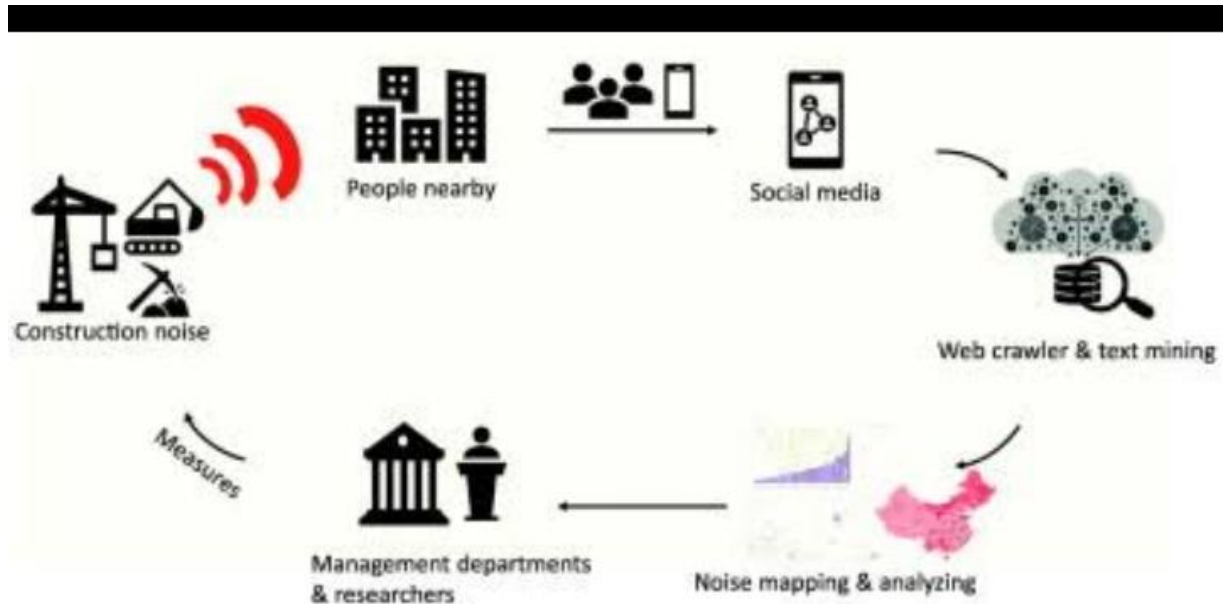


BUILDING OF PROCESS IN NOISE POLLUTION MONITORING IOT

IoT-based real-time noise monitoring offers a sophisticated solution for addressing noise pollution in industrial scenarios and can be used for multiple applications that compound the benefit of any site-wide noise monitoring solution.

Building of noise pollution

The wider effects of construction site noise pollution include structural damage to buildings, decreased property value, loss of productivity and social impacts such as sickness.



- **Enhance workplace safety:** Real-time noise monitoring, powered by IoT technology, enables businesses to maintain safe noise levels and protect their employees. Continuous monitoring ensures that companies can identify and address hazardous noise levels, resulting in a safer and more compliant workplace.
- **Reduce environmental (+ compliance) impacts:** Noise pollution is a significant concern for surrounding communities and ecosystems, and failures by businesses to effectively manage noise leads to fines and stricter operating covenants. Industrial businesses that implement real-time noise monitoring can demonstrate compliance, simply, as well as take corrective measures should thresholds be breached.

- **Optimized production processes:** Implementing an IoT-based noise monitoring solution can lead to the identification of inefficiencies in production processes. By analysing real-time noise data, businesses can pinpoint areas where excessive noise occurs and take corrective measures. This data-driven approach not only mitigates noise pollution but also helps optimise processes for increased productivity.
- **Predict machinery breakdowns:** Noise monitoring in industrial settings can provide insights into the health of machinery and equipment. Unusual or excessive noise may indicate mechanical issues or the need for maintenance. IoT-enabled real-time noise monitoring allows businesses to address these issues proactively, reducing equipment downtime and minimising costly repairs.

IoT-driven real-time noise monitoring offers significant advantages for industrial settings, enabling businesses to harness data-driven insights, predictive insights, and address noise pollution proactively. [**Speak to us today**](#) to find out how you can get started, fast.