### Business need

Environmental pollution measurements are usually based on a few fixed stations, often spread over large areas. This approach does not allow the identification of pollution peaks in small areas and their sources.

### Solution overview

The integration of traditional stations with a distributed system of low-cost detection sensors, useful for widespread monitoring, makes it possible to quickly identify local peaks in pollutants. The sensors are able to process air quality data and send it to a control station, where it is stored and analysed. Local peaks can be reported to the relevant authorities.

### Key benefit

- Capillary monitoring and detection
- Low costs
- Easy integration with existing systems

### Target

- Government agencies
- Air and pollution monitoring organisations
- Large companies with several production sites

### Development phase

1. Research
2. MVP Testing
3. Patent request
4. Industrial scale-up
5. Ready for market launch

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### Keywords

- Air pollution
- Detection sensors
- Monitoring