



Air Quality Live

powered by MoDa

Live particulate matter data in traffic to promote sustainable air quality and mobility

Developed for:

- Public Authorities
- Industry
- Research and Development
- NGOs
- Public

It is crucial to implement measures in urban areas to counteract air pollution and its associated health consequences, particularly in relation to maintaining mobility.

The service *AirQualityLive* (AQL) enables particle emissions to be analysed in real time and with spatial resolution. This allows traffic routes to be rerouted away from particularly heavily polluted areas, for example. In addition, both the responsible authorities and the public, such as residents, will be able to obtain information on current air quality at all times via app. A particular focus of AQL is on checking the low-cost sensors used with high-quality measuring devices and modern AI methods. This is done both in the laboratory and directly on the street, thereby ensuring that the results for mobile and stationary measurements are reliable.

AQL provides assurance of air quality and helps to ensure compliance with limit values. Particular attention is paid to tire and brake dust, which is now one of the most significant sources of particulate matter in the transport sector. As part of the AQL service, the characterization of tire wear in particular can also be offered on a chassis dynamometer.

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