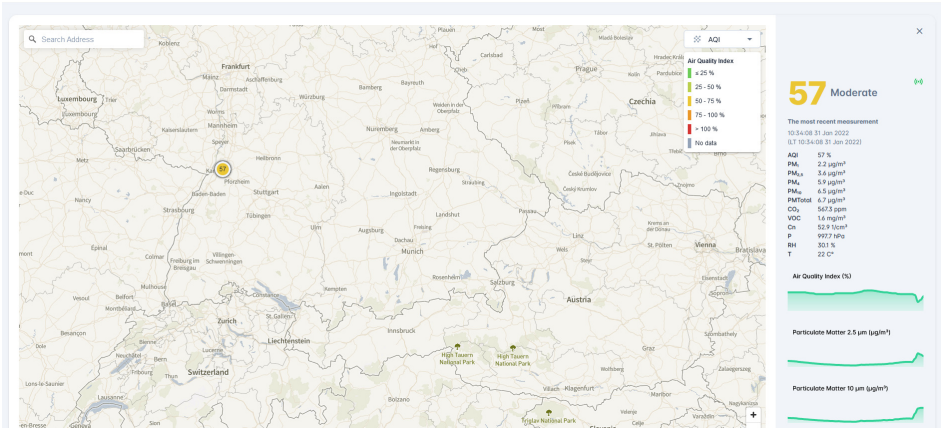
MyAtmosphere

Devices on Map



We make air quality visible: by measuring it with our high-precision instruments* and collecting and visualizing it via our cloud-based data platform.

MyAtmosphere is a comprehensive solution for effective and efficient air quality information management – from data collection to communication with third parties. Whether it's air pollution caused by urban traffic, construction sites, industry, landfills, or open pit mining: With MyAtmosphere, you can easily monitor, understand and document air quality.

*Instruments are not included.

Operation principle

As a cloud-based data platform, MyAtmosphere enables the monitoring, documentation, and visualization of air quality parameters.

- Automatic visualization of measurement data with export function (svg, png)
- Intuitive site management for devices and data
- Simple measurement data comparisons between sites
- Alarming (e-mail) according to individually adjustable limit values
- (Requires internet connection of the device)
- Convenient data export for further analysis based on a selection of location, time period, parameters, data aggregation
- Standardized integration with third-party solutions through optional API

Learn more about our air quality monitoring equipment rental solution - if you want with MyAtmosphere.[1]

[1] Learn more about our air quality monitoring equipment rental solution - if you want with MyAtmosphere.: http://www.palas.de//re

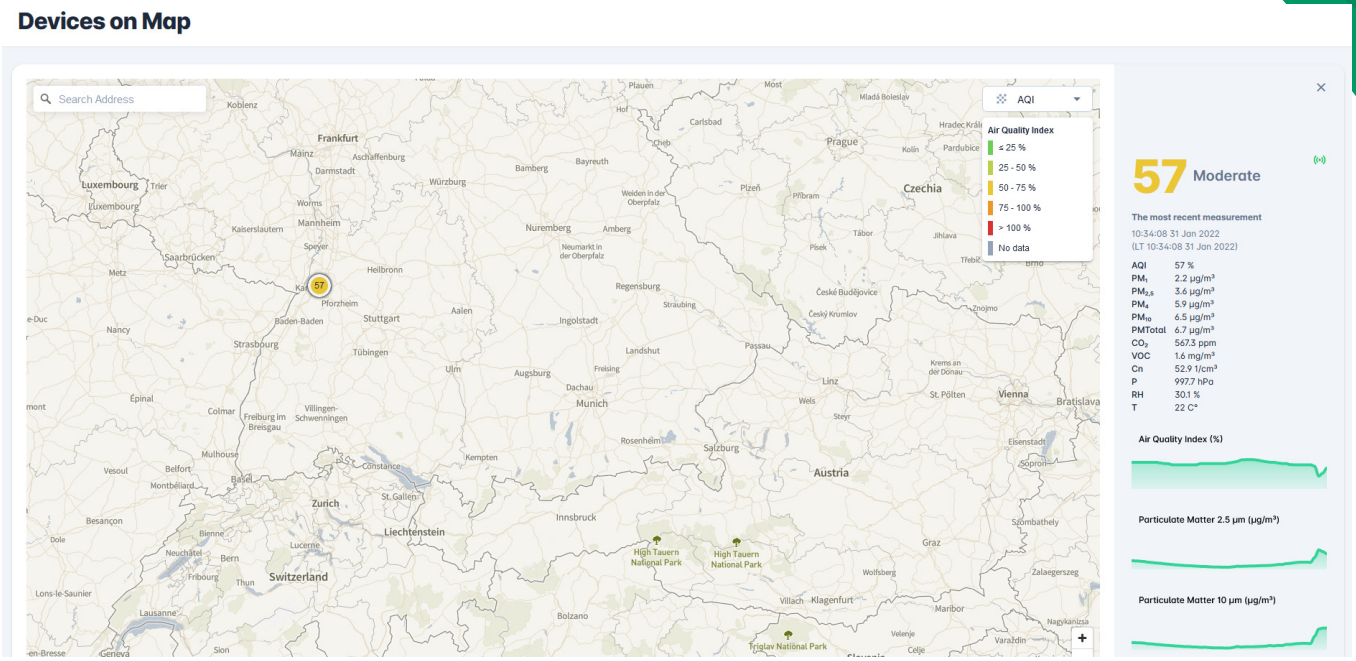


Fig. 1: Display of devices on map

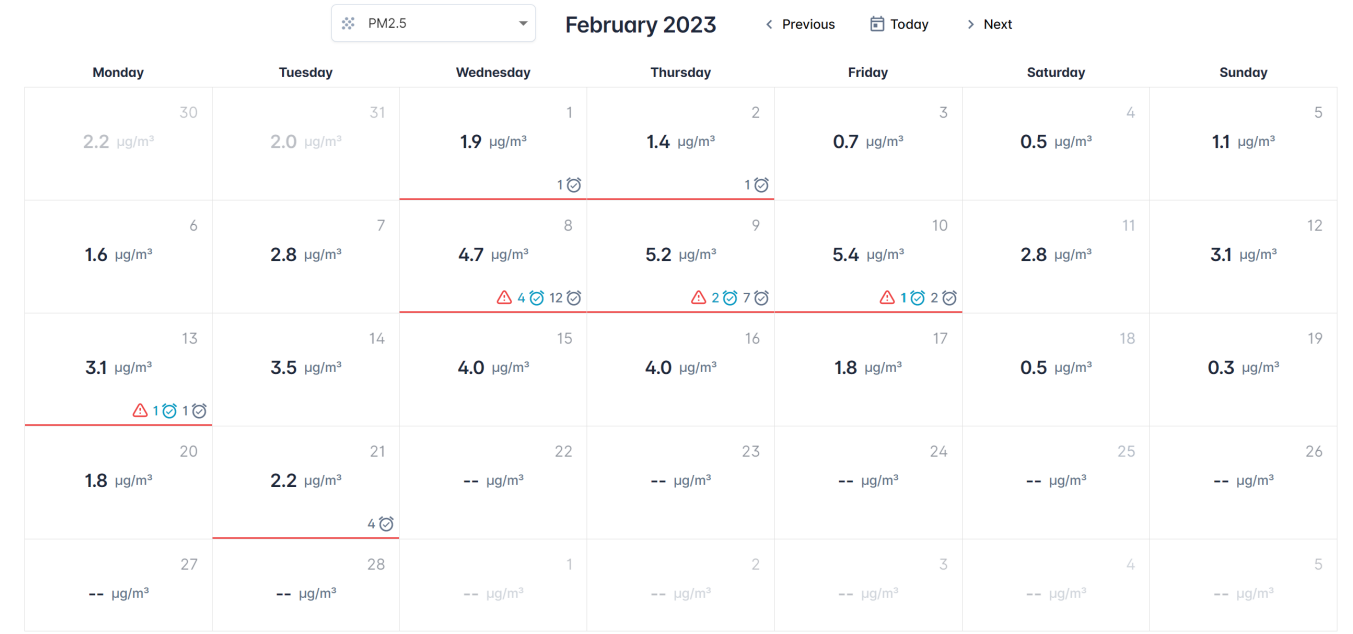


Fig. 2: Display of daily measurements per day in the calendar

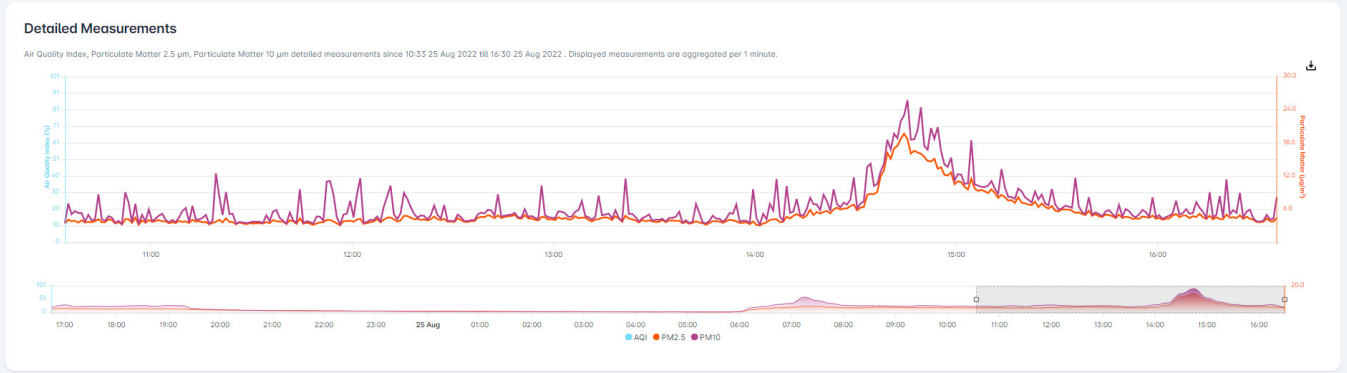


Fig. 3: Display of detailed measurements

Benefits

- Comprehensive know-how of the Palas® aerosol experts
- High-precision and smart measuring instruments
- Cloud-based acquisition, analysis and documentation of your collected data
- Intuitive visualization software
- Save time and money: no third-party software required for visualization and communication
- Access data from anywhere, at any time – with any device
- Simplified management of multiple monitoring projects
- Integration and remote management of Palas® instruments*

*Not included in MyAtmosphere.

DATASHEET

Reported data	PM_1, $PM_{2,5}$, PM_4, PM_{10}, PM_{Total}, C_N, Druck, Temperatur, relative Luftfeuchte optional: CO, O_3, SO_2, NO_2 (Geräteabhängig)
Data logger storage	1-minute-average for 24 h, 15-minute-average for 2 years

APPLICATIONS

- Network with roads, rails ports
- Smart city
- Open pit mining landfills
- Construction sites
- Industry
- Natural risk areas

Mehr Informationen:
https://www.palas.de/product/MyAtmosphere