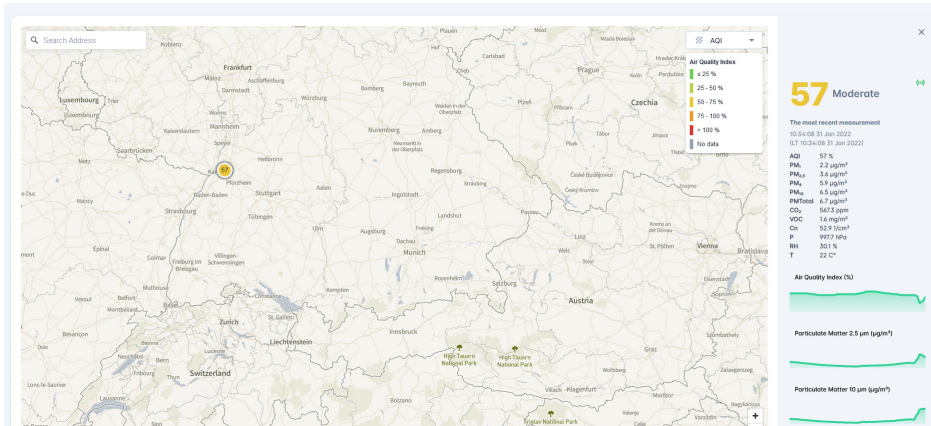


Devices on Map



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.: <https://www.palas.de/en//en/rental>

Devices on Map

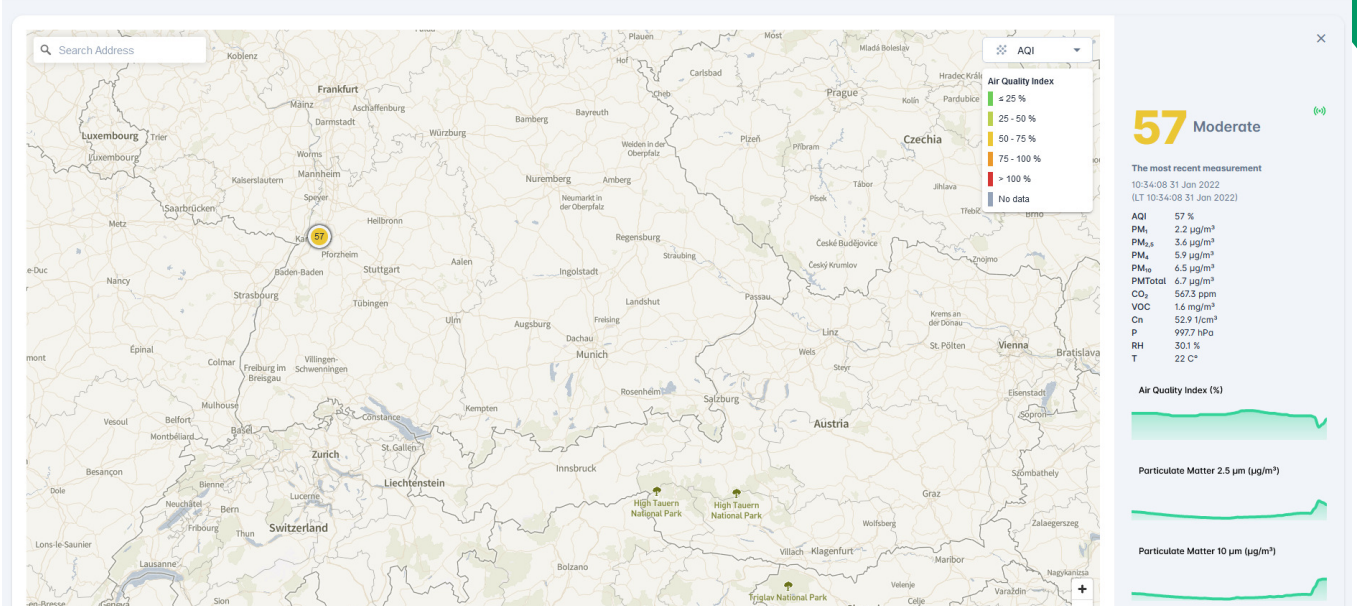


Fig. 1: Display of devices on map

PM2.5 February 2023 < Previous Today > Next

| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|--|-----------------------------------|--|---------------------------------------|--|-----------------------------|-----------------------------|
| 30 2.2 µg/m ³ | 31 2.0 µg/m ³ | 1 1.9 µg/m ³ 1🕒 | 2 1.4 µg/m ³ 1🕒 | 3 0.7 µg/m ³ | 4 0.5 µg/m ³ | 5 1.1 µg/m ³ |
| 6 1.6 µg/m ³ | 7 2.8 µg/m ³ | 8 4.7 µg/m ³ △ 4🕒 12🕒 | 9 5.2 µg/m ³ △ 2🕒 7🕒 | 10 5.4 µg/m ³ △ 1🕒 2🕒 | 11 2.8 µg/m ³ | 12 3.1 µg/m ³ |
| 13 3.1 µg/m ³ △ 1🕒 1🕒 | 14 3.5 µg/m ³ | 15 4.0 µg/m ³ | 16 4.0 µg/m ³ | 17 1.8 µg/m ³ | 18 0.5 µg/m ³ | 19 0.3 µg/m ³ |
| 20 1.8 µg/m ³ | 21 2.2 µg/m ³ 4🕒 | 22 -- µg/m ³ | 23 -- µg/m ³ | 24 -- µg/m ³ | 25 -- µg/m ³ | 26 -- µg/m ³ |
| 27 -- µg/m ³ | 28 -- µg/m ³ | 1 -- µg/m ³ | 2 -- µg/m ³ | 3 -- µg/m ³ | 4 -- µg/m ³ | 5 -- µg/m ³ |

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

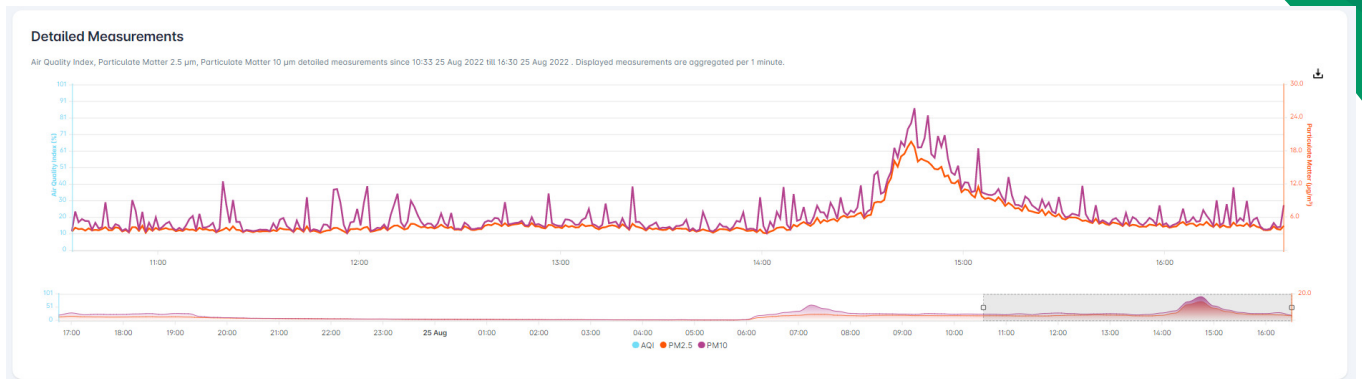


Fig. 3: Display of detailed measurements

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

PM₁, PM_{2.5}, PM₄, PM₁₀, PM_{total}, C_N, CO, CO₂, O₃, SO₂, NO₂, X50, LDSA, pressure, temperature, rel. humidity, wind parameter, ...(depending on device)

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/en/product/MyAtmosphere>