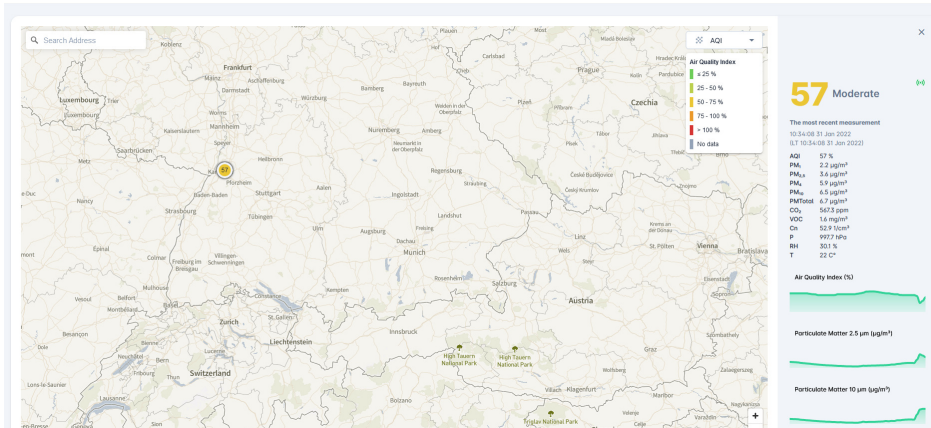


## Devices on Map



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.<sup>1</sup>

<sup>1</sup> Learn more about our air quality monitoring equipment rental solution - if you want with MyAtmosphere.: <https://www.palاس.de/en//en/rental>

### Devices on Map

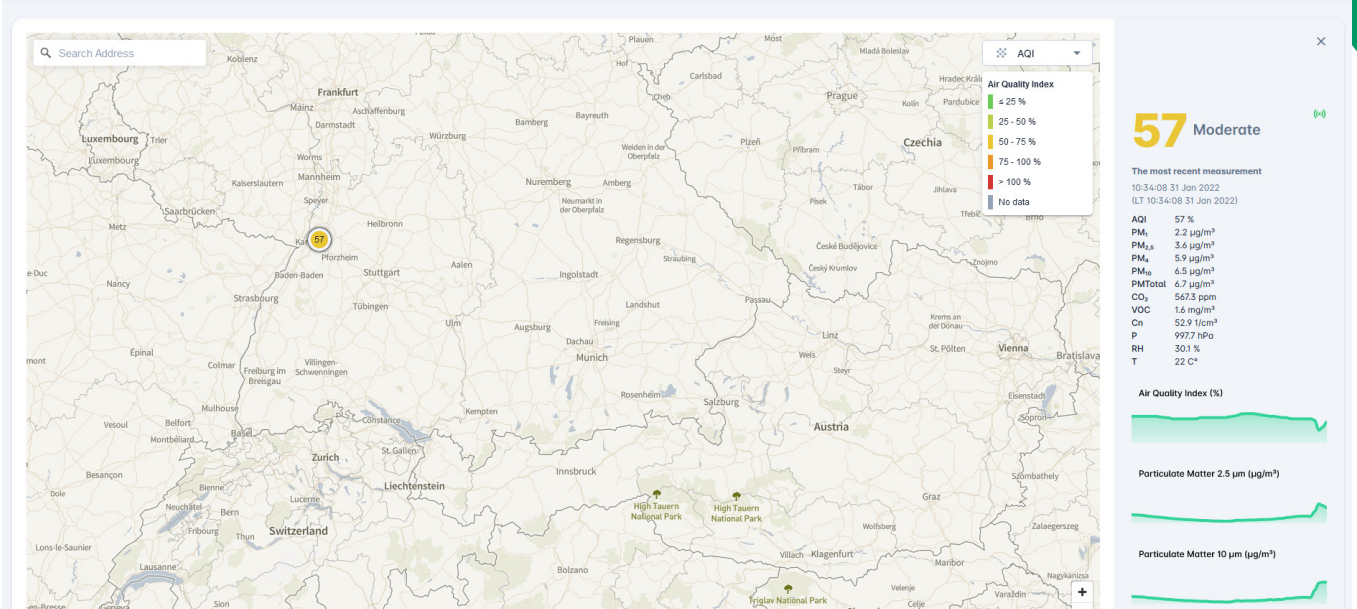


Fig. 1: Display of devices on map

PM2.5 February 2023 < Previous Today > Next

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

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

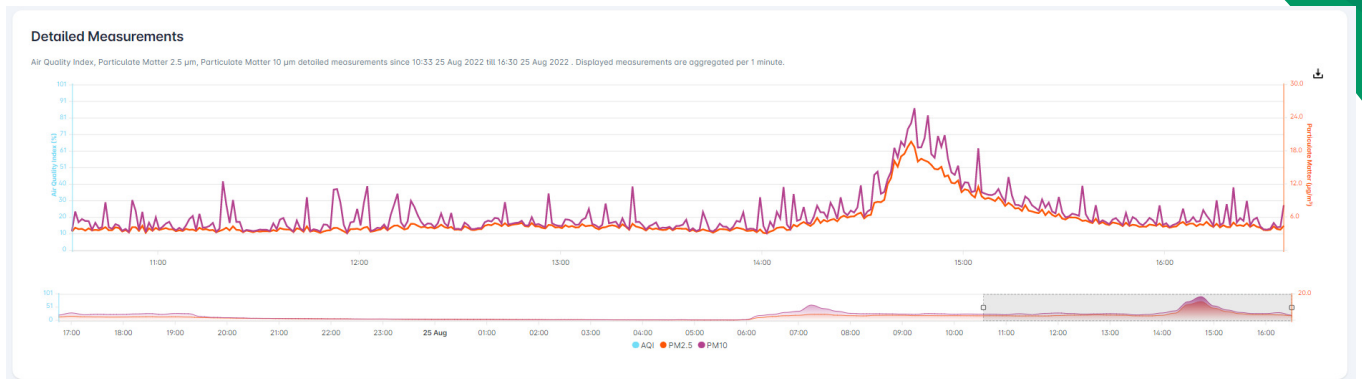


Fig. 3: Display of detailed measurements

## 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<sub>1</sub>, PM<sub>2.5</sub>, PM<sub>4</sub>, PM<sub>10</sub>, PM<sub>total</sub>, C<sub>N</sub>, CO, CO<sub>2</sub>, O<sub>3</sub>, SO<sub>2</sub>, NO<sub>2</sub>, 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>