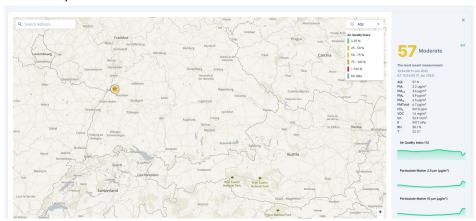
# **MYATMOSPHERE**



#### **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

 $<sup>^{1}</sup> Learn \, more \, about \, our \, air \, quality \, monitoring \, equipment \, rental \, solution \, - \, if \, you \, want \, with \, MyAtmosphere.: \, https://www.palas.de/en//en/rental \, rental \, solution \, - \, if \, you \, want \, with \, MyAtmosphere.: \, https://www.palas.de/en//en/rental \, rental \,$ 



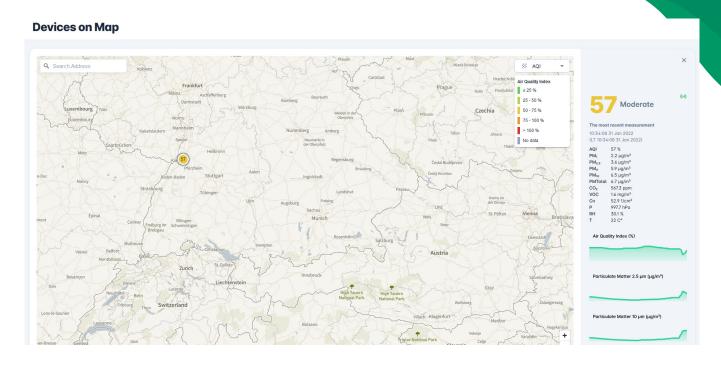


Fig. 1: Display of devices on map

		· Fel	bruary 2023	Previous 🛱 Today >	Next	
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
30 <b>2.2</b> µg/m³	31 <b>2.0</b> µg/m³	1. <b>9</b> µg/m³	2 <b>1.4</b> µg/m³	<b>0.7</b> μg/m³	<b>0.5</b> μg/m³	5 <b>1.1</b> μg/m³
		10	1 🤝			
6 <b>1.6</b> μg/m³	7 <b>2.8</b> µg/m³	8 <b>4.7</b> μg/m³	9 <b>5.2</b> μg/m³	10 <b>5.4</b> μg/m³	11 <b>2.8</b> µg/m³	12 <b>3.1</b> µg/m³
	2.0   3.	<u>∧</u> 4 ⊘ 12 ⊘	<u>^</u> 2 ♂ 7 ♂	<u>∧</u> 1 ⊘ 2 ⊘	2.6 13	<b>3.1</b> 1 3.
13 <b>3.1</b> µg/m³	14 <b>3.5</b> μg/m³	15 <b>4.0</b> μg/m³	16 <b>4.0</b> μg/m³	17 <b>1.8</b> μg/m³	18 <b>0.5</b> μg/m³	19 <b>0.3</b> μg/m³
△1010						
20 <b>1.8</b> µg/m³	21 <b>2.2</b> μg/m³ 4 🐯	22 µg/m³	23 μg/m³	24 μg/m³	25 μg/m³	26 μg/m³
27 µg/m³	28 µg/m³	1 µg/m³	2 μg/m³	µg/m³	4 µg/m³	5 μg/m³

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



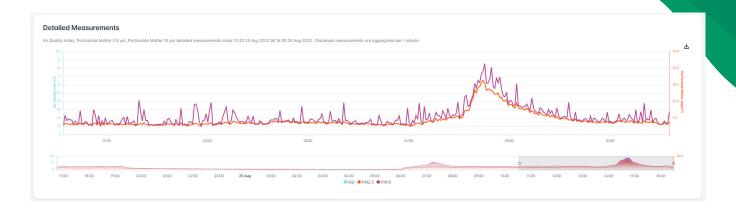


Fig. 3: Display of detailed measurements



### **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\*

<sup>\*</sup>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

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### **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