

## AIR QUALITY DURING NATURAL EVENTS: THE PALAS® MONITORING SYSTEM ON THE VOLCANIC ISLAND OF LA PALMA



To keep an eye on air quality permanently and in real time, a smart environmental measurement system is needed that:

- reliably delivers precise measurement data
- takes the weather situation into account through integrated data
- can measure toxic gases such as SO<sub>2</sub>
- visualizes measurement data clearly and at any time

On the Canary island of La Palma, nine **AQ GUARD SMART** including gas sensors have been installed and have been monitoring air quality since the eruption of Cumbre Vieja in 2021.

With **MYATMOSPHERE** the local Spanish authorities always keep an eye on the air quality of the entire island. The precise and up-to-date measurements help to protect the people from the invisible threat in the air and take necessary measures such as curfews in a timely manner.



Dust Monitoring



Weather Monitoring



Gas Monitoring

### A SOLUTION FROM PALAS®

As a world leading expert in aerosol technology, Palas GmbH offers with **MYATMOSPHERE** a unique environmental measurement system consisting of:

- high-precision air quality measurement devices (including gas sensors)
- compatible weather sensors
- a cloud-based data platform

### ADVANTAGES

Derive rapid measures such as curfews to protect the population by using current air quality data

