

MY ATMOSPHERE

AIR QUALITY DURING NATURAL EVENTS

The Palas® Monitoring System on
the volcanic island of La Palma

THE PALAS® MONITORING SYSTEM ON THE VOLCANIC ISLAND OF LA PALMA

Air Quality during Natural Events



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.

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

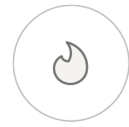
- reliably delivers precise measurement data
- takes the weather situation into account through integrated data
- can measure toxic gases such as SO₂
- visualizes measurement data clearly and at any time



Dust Monitoring



Weather Monitoring



Gas Monitoring

THE 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

