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AIRPORT

Measure the impact of your activities on the environment and its population both Indoor & outdoor

Challenges

Meaningful representation of activities

Real-time measurements of nuisances (nitrogen dioxide/monoxide, ozone...)

Prevent local complaints

Solutions

Continuous data collection and source identification of nuisances such as gas and odors both indoor and outdoor

Monitor outdoor harmful nuisances in real-time to prevent risky situations such as technical fluid leaks

Improve ground traffic according to the nuisances emitted by aircrafts and airport activity

Benefits

✓ Optimize and monitor airport activities

✓ Improve working conditions for employees and travelers

✓ Collect objective and actionable data from your operations

✓ Reduction of nuisances' impact on local communities

Customer Application

Context

Airports need to measure the real-time impact of their activities on the local community and their exposure to harmful components. Indoor environments need also supervision

Challenge

There is a misrepresentation of nuisances and their propagation since harmful components are hard to measure. Therefore, it's necessary to have a real-time and dispersed measurement allowing to provide a temporal and spatial resolution at the level of the project and the operator's request. Highly true when considering outdoor, it is also true in indoor environments

Solution

Our network of WT1s provides real-time data offering high temporal and geographical granularity of the various nuisances present, particularly gases and odors, in order to prevent any risk and to improve ground traffic according to the nuisances emitted by the aircraft and airport activity. In addition our network of PODs helps controlling indoor atmosphere and insure an healthy environment while reducing energy consumption

Impact

The installation of this measurement networks helps to accurately spot outdoor perceived nuisances and the link with the airport activity. Indoor, it allows reducing energy consumption, optimizing HVAC systems to insure proper air quality at the right time and at the right level

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Leader in environmental intelligence for a healthier world, through environmental monitoring and source identification IoT technologies