AEROVISION
Airport Environment Management

Make airports more sustainable
The International Air Transport Association (IATA) forecasts that air transport will double over the next 20 years.

To support this growth, airports must develop and invest in new infrastructures (new runways, new terminals, etc.). Airports must also address the impact of their activities on the environment: reduced carbon footprint, reduced waste, protection of biodiversity and noise management.

In addition to increasingly stringent legislation, communities living around airports now also expect greater transparency. Measuring and reducing environmental impact has become an essential challenge for airports.

01dB Group ACOEM is committed to bring them a solution adapted to their needs.

AEROVISION is an aircraft environmental parameters (noise, air quality...) and flight tracks management system providing all the tools needed for monitoring, analysing and communicating on environmental impact. Particular emphasis has been placed on communication with local communities, in order to guarantee the necessary transparency required to ensure the best possible cohabitation.
100% web-based solution!

Unique on the market, AEROVISION represents a real alternative to current systems, which are complex, of limited versatility and costly to operate. AEROVISION is a scalable solution, meeting the needs of airports of all sizes. It is 100% web-based, easy to install and use.
Simplify your environmental management

**Monitoring**
- Measurement and storage of primary data: Noise, Air Quality, Flight Tracks, Weather, etc.
- Automatic identification of aeronautical events
- Real-time or non-real-time visualization of flight tracks and noise

**Analysis**
- Analysis of flight tracks and detection of unusual situations
- Long-term statistical calculations
- Printout of information reports
- Verification of compliance with legislation

**Communication**
- Providing local residents with access to flight tracks and noise data
- Management of requests from local residents (questions, reporting, complaints, etc.)
- Training of stakeholders (pilots, air-traffic controllers, local residents, etc.)
- Providing information on airport activities (public website, replay of flight trajectories, etc.)
Modern
• Operating system independent (runs on PC, Mac, tablet, smartphone, etc.)
• Responsive design (adapts to each type of screen)
• Third parties licenses independent (Google maps, Adobe…)

Easy to install
• Plug & play noise measurement station
• ADS-B station to address a lack of radar coverage
• Minimal IT deployment
• Light client (Internet browser)
• 100% cloud-based (option for hosting at the airport)
• Data management (backup, storage)

Easy to use
• User-friendly and intuitive interface
• Intuitive learning reducing training needs to the minimum
• Analysis levels adapted to all types of user

Powerful
• 2D and 3D flight tracks visualization
• Automatic detection of unusual situations
• Complaints management
• Periodic multi-criteria reporting
• Advanced visualisations and analysis

Affordable
• Periodic subscription (SaaS Mode)
• Flexible configuration according to the needs of each airport
• Cost-effective maintenance

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About ACOEM
Reduce your environmental impact

In today’s fast-moving world, the environment is increasingly impacted. The ACOEM Group is committed to sustainable development and help companies and public authorities limit their environmental impact by offering products and services that:

• Prevent and control air, noise and vibration pollution
• Increase the productivity and reliability of industrial machinery
• Contribute to the development of effective, robust & noiseless products
• Protect soldiers, sites and vehicles in military theaters of operation

The ACOEM Group is based in Limonest, France, and has 17 subsidiaries and offices around the world. The Group generates an annual turnover over €100 million and currently employs 750+ people globally.

For more information, please visit our website at acoem.com