

# French Observatories for Air Quality as a Partner

Collaborating with partners all over the European and international territories, the Observatories share and develop projects with local authorities, public and private organisms, Entreprises, research universities and Scientifics centers. Their missions is to:



**OBSERVING** via a monitoring organization allowing the production, banking and dissemination of air / climate / energy reference data.



**ACCOMPANYING** decision-makers in the preparation and follow-up of medium- and long-term action plans on air and related problems (energy, climate, urban nuisances) as well as in emergency situations (pollution episodes, incidents or accidents).



**COMMUNICATING** with citizens and inviting them to take action to improve air quality.



**ANTICIPATING** taking into account all the pollutants and the new technologies through the establishment of partnerships and using the European experiences, innovations and programs.



**MANAGING** the associative strategy and territorial animation, sharing resources.



# International Research and Transboundary cooperation

## No borders for air quality



As experts in air quality monitoring, the Observatories collaborate in the framework of European projects to improve knowledge, especially concerning modeling, inventories and particle measurements. Technological advances pose new questions. The experts confirm the need for a rapprochement with the actors who have the state of the art of information. The implication of our territories in different cross-border projects allowed this rapprochement.

## Transboundary cooperation



- > INTERREG Upper Rhin programs: France, Germany, Switzerland
- > INTERREG Big Region: France, Benelux
- > ALCOTRA : Italian and French cooperation
- > INTERREG Alpine Arc, etc.

## International Research



The French Observatories Network must maintain strong interactions with the scientific world, share its expertise and promote its knowledge on an international scale. Involved in different international cooperation (visits of delegations, support of national and international programs, contributions with public or private local actors, enterprises), this also allows ATMO France to enhance and consolidate a unique expertise on the French territories.



## Contact

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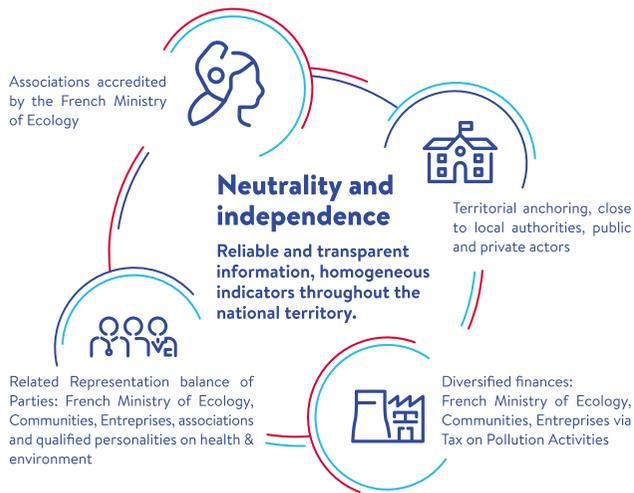
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# ATMO France Federation, French Observatories for Air Quality Monitoring

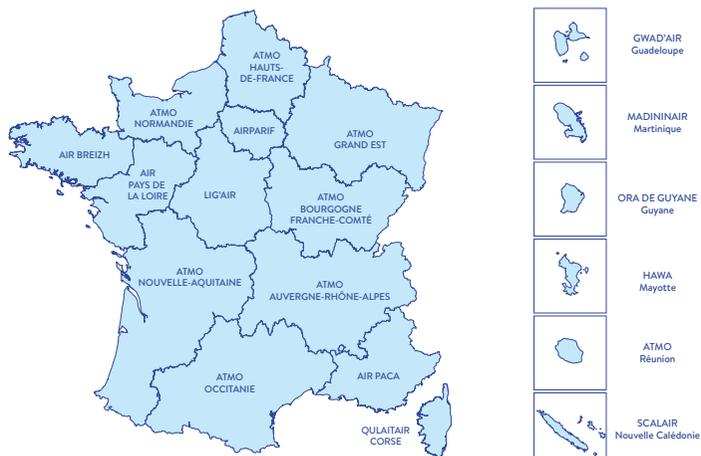
Association Accredited by The  
French Ministry of Ecology

# ATMO France Federation

The Observatories for Air Quality are present all over the French territory in a sustainable and equitable manner to monitoring air quality, to forecasting pollution episodes, to inventorying energy consumption and emissions of pollutants and greenhouse gases, to informing and sensitizing the population and to assessing the impact of mitigation measures.



## One Observatory of Air Quality Monitoring by Administrative Territory



# State Partnership

In France, air quality monitoring is mandatory and regulated by the Environmental Code. The law relating to energy transition for green growth provides for:

- integrate the objective of reducing the exposure of citizens to air pollution in the objectives of the energy transition
- accelerate the transformation of the French car fleet towards less polluting vehicles
- give the possibility to the mayors to reserve the circulation to the least polluting vehicles on all or part of their commune
- incentivize financially the conversion of the most polluting vehicles
- promote the development of less emitting means of transport
- set national targets for reducing air pollutant emissions in the Pollutant Emission Reduction Plan.

The Observatories are the heart of the national monitoring system governed by the French Ministry of Ecology, made up by the Central Air Quality Monitoring Laboratory (LCSQA) for the scientific coordination and the Observatories of Air Quality Monitoring for the territorial implementation.

## Key figures :

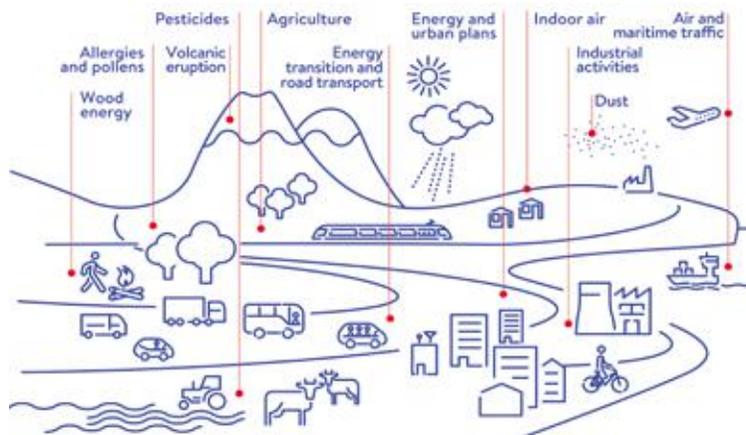
**19** Air Quality Monitoring Observatories in France

**1900** analysers set up and fixed

**550** engineers, technicians, communication and chimistes, experts: project managers...

**670** measurement stations spread all the territories

## Sources of Pollution related to natural and human activities



# Local Authorities Partnership

## Integrated actions on Air, Health, Climate, Energy

This approach is preferred to reconcile the issues of climate and air pollution and to avoid the negatives interactions on the same levers: Example: For the energy and urban planning, the air quality must be taken into account in the territorial coherence schemes, on local town planning plans or concerted management zone regulations. The Observatories of Air Quality in France are using the MISKAM model.



## Planning tools:

ATMO France accompanies the territories to facilitate the monitoring of the air protection plans, to update the list of municipalities concerned, to add air component to the Climate Energy Plans which will progressively concern all public institutions with own taxation more than 20,000 inhabitants by the end of 2019, to strength the consideration of air quality in planning documents and urban travel plans.

