

Project's motivations and its structure

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The functionality of a system that works in the field of environmental preservation is also measured by the comprehension of its own criticalities to resolve them directing rationally the resources.

The project INTERREG III A “Integrated evaluation of air quality in Valbelluna” funded with european funds and co-funded by the Province of Belluno, is born to increase the knowledge and to find correct solutions for one of the greatest environmental criticalities of this province.

In fact besides excellence areas we find zones with not high air quality and this contradiction have to be faced and understood.

The studies carried out by ARPAV in these years, also in synergy with foreigner partners, through the use of its air-quality and meteorological monitoring networks and advanced technology instruments, through its mobile laboratories, through the project INTERREG III B “ Monitoring network in the Alpine Region for Persistent and Other Organic Pollutants” on the presence of “persistent organic pollutants” (POPs), permitted the investigation of the actual situation inducing further studies in order to answer the lots of questions emerged with a better knowledge.

The project “Integrated evaluation of air quality in Valbelluna” is born to answer new inquiries; in this project the ranking of sources supplies some suggestions on where it is useful to act, and the meteorological knowledge also indicates us the causes of air quality differences between very near areas.

Moreover the model's development furnished an essential instrument to investigate the consequences on air quality of choices operated in the territory.

It's a means able to give estimates, so therefore no certainties, which anyway will be an useful tool to get technical bases for the discussions on planning forecasts, enforcing the preference on “ex-ante” components than “ex-post” ones on dealing with the environmental problems.