

UBIQUITOUS ENVIRONMENTAL MONITORING AS DECISION TOOL MONITAR SENSE: AN ENVIRONMENTAL TOOL

Paulo Pinho^{1,3}, Sérgio Lopes^{1,2,3}, Gabriel Rodrigues³ and Pedro Colaço³

¹CI&DETS – Center for Studies in Education Technologies and Health, Polytechnic Institute of Viseu

²ADAI/LAETA – Association for the Development of Industrial Aerodynamics, Coimbra University

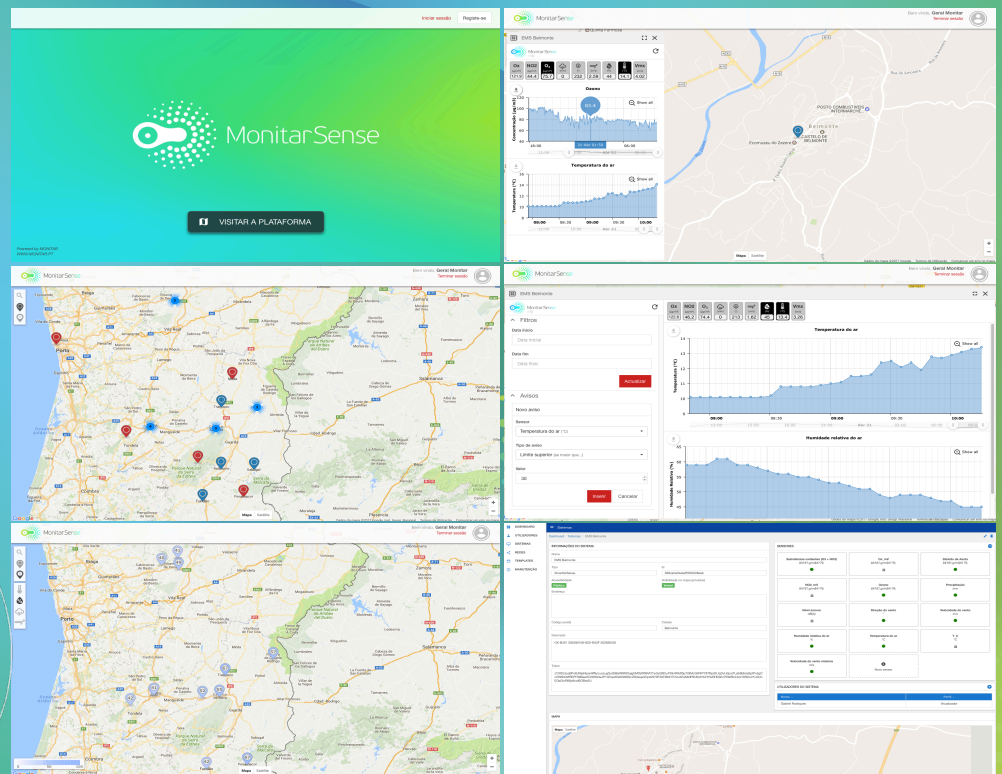
³MONITAR, LDA

{ppaulo, slopes}@amb.estv.ipv.pt, {gabriel.monitar, pcolaco}@gmail.com



Monitar has been developing an environmental monitoring network associated to a web-based platform MONITAR SENSE (sense.monitar.pt) as frame for a decision tool.

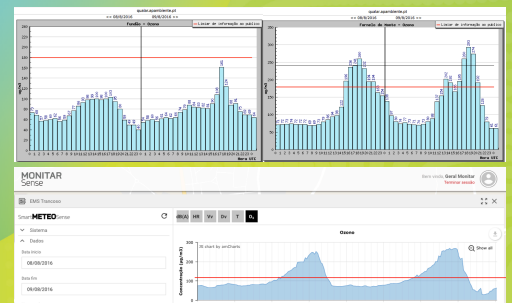
MONITAR SENSE platform, is a user friendly tool to interact with decision makers and general public allowing visualization of measured parameters in real time, perform historical query, download editable files to data post-processing and view equipment location in a map. Also, is possible to configure alerts when exceeded a predetermined value of a measured parameter.



Display of web-based platform MONITAR SENSE and the chart obtained in Environmental Portuguese Agency Air Quality Platform showing data from Air Quality Monitoring Station located in Central Portugal (Fornelo do Monte and Fundão station) from 8 and 9 of august of 2016.

These two ozone episodes occurred in Central Portugal detected by the Fornelo do Monte station but not detected in Fundão station. These episodes were also detected in the MONITAR SENSE station located approximately in the middle location between these two stations.

The alert from MONITAR SENSE station, can be very useful for local decision makers.



CONCLUSION

Ubiquitous environmental monitoring starts being a reality since the technology become available and affordable. However, for some parameters the technology is not available in a ready-to-use way, needing to be tested and calibrated before use.

ACKNOWLEDGEMENTS

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