
Citizen sensor: from concerns to solutions

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Abstract

Monitoring and analysis of the air quality has become a major concern of the past 20 years. The air quality data accessible by citizens improves understanding and awareness of air pollution. However, these data are not adapted to protect and inform the citizen in real time. To refocus the air quality around the citizen and make it an actor, EcoLogicSense has developed the citizen sensor "PICTURE". This metrological sensor allows citizen to measure the fine particles and visualize PM Pollution in real-time through a smartphone application. The purpose of this device is to make the citizen a player of the improvement of the air quality and not only a spectator

Keywords: Citizen sensor, Smart sensor, OEM sensor, Particles sensor

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