

## Pollutants

PM 2.5

## Price

Low

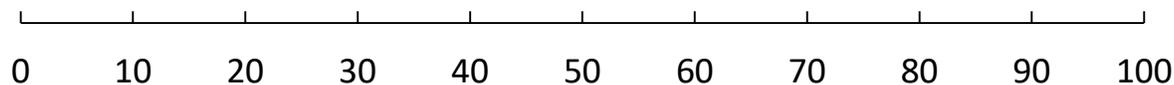
## VQ tested

In progress

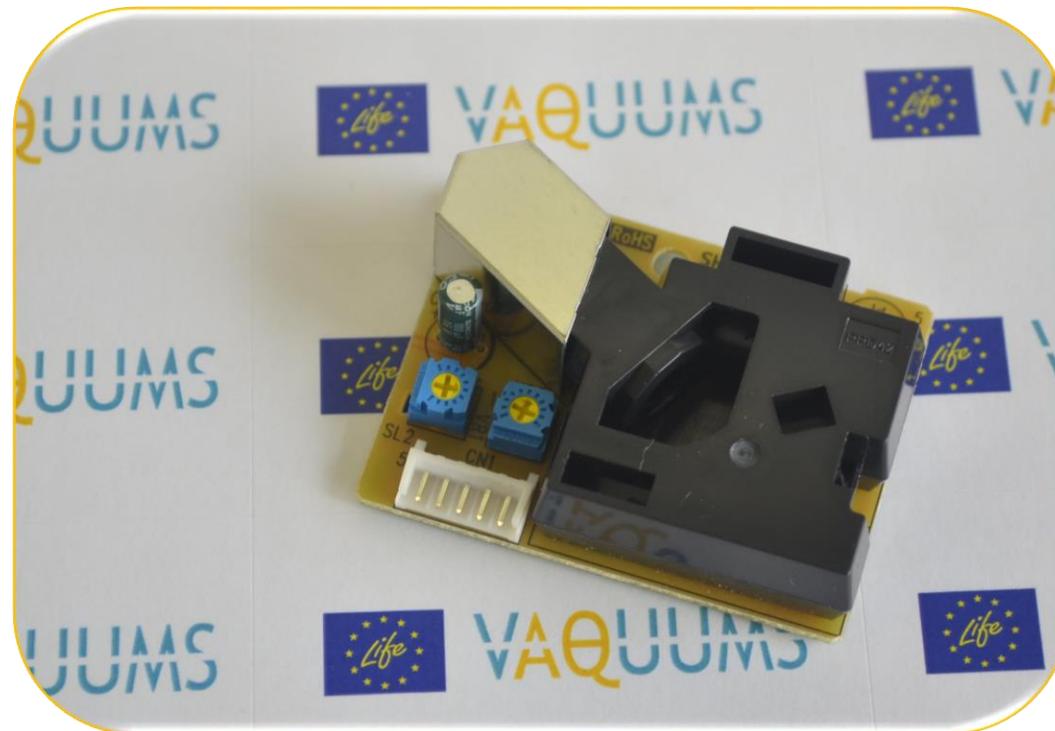
## Literature review

Field

Lab



Correlation with reference (%)



The Shinyei PPD42NJ is a low cost sensor which can detect airborne particles continuously. This sensor operates based on the light-scattering principle. It gives an estimation of the particle concentrations and particle size by measuring the amount of light that is scattered by particles. This sensor is often used in citizen science projects.

## Literature

Austin et al. (2015)  
 Borregio et al. (2016)  
 Goa et al. (2015)  
 Holstius et al. (2014)  
 Wang et al. (2015)