Candidate

Magnasci — uRADMonitor CITY

Detailed report:

ON

With the participation of:

uRADMonitor CITY

Magnasci

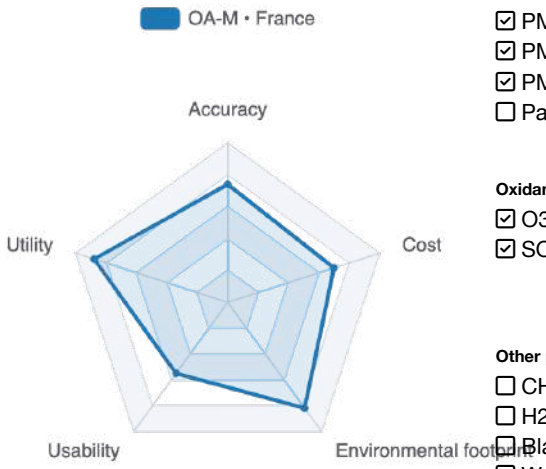
★★★★★ OA-M • France



Assessment summary

The uRADMonitor CITY is a multi-pollutant outdoor air quality sensor system measuring PM_1, $PM_{2.5}$, PM_{10}, NO_2 and O_3, with several other pollutant measurement options available. It showed good overall accuracy, with generally better performance for particulate matter than for gases: excellent accuracy for PM_1, very good accuracy for $PM_{2.5}$, good accuracy for PM_{10}, average accuracy for NO_2 and poor accuracy for O_3. It combines very good utility with very good environmental performance. Usability and cost performance are areas where there is room for improvement.

Evaluation



Measured pollutants

Particulate matter

- ☑ PM1
- ☑ PM2.5
- ☑ PM10
- ☐ Particle number

Nitrogen compounds

- ☐ NO
- ☑ NO2
- ☐ NH3

Oxidants

- ☑ O3
- ☑ SO2

Carbon compounds

- ☑ CO
- ☐ CO2
- ☐ VOCs

Other pollutants

- ☐ CH2O
- ☐ H2S
- ☐ Black Carbon
- ☐ Wood Burning

Company

MAGNASCI SRL

Founded: 2015

Dumbravita 307160, Timis, Romania

Additional measurements

- ☑ Temperature
- ☑ Atmospheric pressure
- ☐ Sound intensity
- ☑ Geolocation
- ☑ Relative humidity
- ☐ Wind
- ☐ Luminosity
- ☐ Odours

Registration number: RO35268562

www.uradmonitor.com (www.uradmonitor.com)

Social media

uRADMonitor (https://www.facebook.com/uRADMonitor)

LinkedIn (http://linkedin.com/company/10961201)

@uradmonitor (https://x.com/uradmonitor)

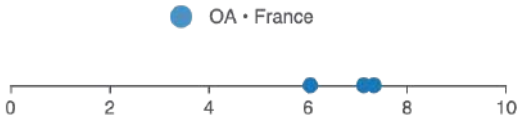
☐ Vibration ☐ Water quality

☐ Traffic counting

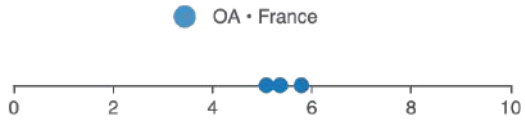
Accuracy



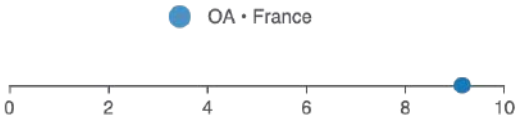
NO2



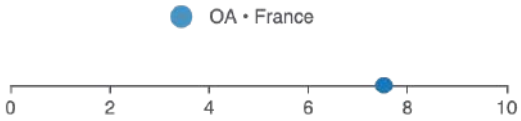
O3



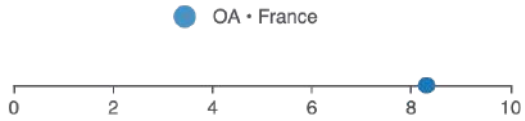
PM1



PM10



PM25



Time series graphs **Subcriteria details** **Additional metrics**

Utility

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Usability

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Environmental footprint

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Cost




AIRLAB
SOLUTIONS
POUR
NOTRE
AIR