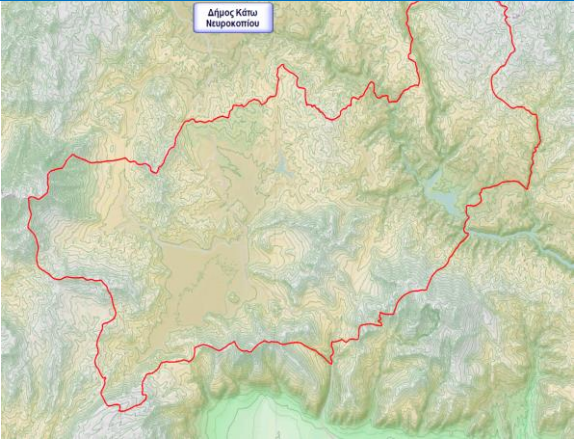


CaseStudy

AIR QUALITY MONITORING STATIONS AT NEVROKOPI MUNICIPALITY



Project ID:

The project was about supply and installation of an air quality monitoring network at **Nevrokopi Municipality**.

The network includes three microstations with air pollution sensors.

IN BRIEF:

System : Air quality telemetry stations

Area : Nevrokopi Municipality

Period : April 2021



ADMINISTRATOR:

- National Observatory of Athens
- Nevrokopi Municipality



IMPORTANT:

- ❖ Zero cost of data transmission
- ❖ Sensors without moving parts
- ❖ Low maintenance requirements

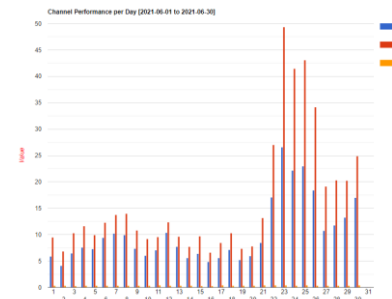
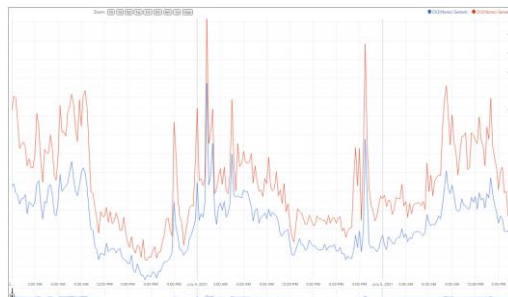
The data transmission is made to cloud via internet. The data visualization and quality control is made automatically.



Particulate matter PM_{2,5} and PM₁₀ sensor
 Laser scattering measuring method
 Measuring range 0-1000 µg/m³



Carbon Monoxide (CO) sensor
 Semiconductor electrochemical sensor
 Measuring range 0-10ppm



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