

Miljösamverkan Värmland, Sweden

According to § 26 of the Swedish air quality regulation, each municipality has to monitor the ambient air quality. Since the beginning of 2016, Miljösamverkan Värmland is monitoring the air quality with the OPSIS BOO Concept.

Miljösamverkan Värmland is an organisation formed by municipalities in Värmland to work together in environmental issues.

The monitoring of ambient air quality in Arvika, a city in Värmland, started in January 2016 and will continue until 2019. The parameters that are monitored are PM₁₀, NO₂ and SO₂. Arvika used to measure daily average levels of NO₂ but changed to OPSIS monitoring systems to get a higher resolution when measuring NO₂. OPSIS instruments provide new measurement values every minute.

The organisation has chosen the OPSIS BOO Concept to handle the monitoring. BOO stands for Build Own Operate and is a measurement service provided by OPSIS. With this service, Miljösamverkan Värmland doesn't need in-depth knowledge or costly staff to operate the monitoring system. OPSIS takes care of everything from installation to maintenance and data delivery. Instead of worrying about technical issues, the organisation can focus on the data that OPSIS provides.

"The measurements are working fine"

"The benefits we see are that, if anything happens, we register the problem fast because of the real-time measurements of NO₂ and SO₂ and the daily measurements for the particulate matter (PM₁₀).

All the calibration and maintenance of the OPSIS equipment are handled by OPSIS. We, at the environmental office, don't have to think about it. The OPSIS staff is great, friendly and has great knowledge about air quality monitoring."

Kjell Karlsson
Environmental Inspector, Arvika Municipality

