

NO_2 PM_{10} SO_2
 NO_x CO_2
 O_3 $\text{PM}_{2,5}$



envitech

**Selected references
of ENVitech Bohemia s.r.o.**



References of the ENVitech Bohemia

Company

Company ENVitech Bohemia s.r.o. offers comprehensive services in the field of environmental monitoring, especially air since inception in 1992.

The basis of the company's production is the measurement of concentrations of pollutants in the form of air pollutants in the ambient air, indoor environment and the measurement of emissions at the sources of pollution.

We supply the complete range of air monitoring products, including the control and evaluation system, with the offer of monitoring as a service. Our equipment complies with all relevant European and Czech standards. The immission measurement service is based on the authorization granted to our company by the Ministry of the Environment of the Czech Republic.

We offer turnkey deliveries to customers - ie from design, delivery, installation, warranty, operation, to post-warranty service. The quality of supplies and the company organization is in accordance with ISO 9001 and fulfills the environmental concerns according to ISO 14001. All our employees are properly trained by individual equipment manufacturers and have many years of experience with the supplied technology and systems.

The range of air monitoring systems and equipment offered by the company is complemented by instruments for monitoring water quality, odor substances and meteorological parameters. In cooperation with research institutions and universities, we participate in solving projects in the field of science, especially in the form of applied research. The company disposes of centers in Prague, Brno, Valašské Meziříčí, Ústí nad Labem and Ostrava in order to be able to ensure trouble-free operation and servicing of equipment delivered within numerous orders all over the country.

Affiliated company ENVitech s.r.o. in Trenčín develops its activities mainly in Slovakia. The Beirut branch and the subsidiary in Northern Cyprus provide trade and service in the MENA regions of the region. We have been looking after our satisfied customers for almost 30 years.

To sustain this trend, we strive to continually improve our services and modernize our supplies.



Selected references



Ambient air monitoring systems



Low cost sensory air quality systems



Continuous emissions monitoring systems



Detection systems



Meteorological systems and sensors



Ambient air quality monitoring services



Other supplies, installations and services

Ambient air monitoring systems



- **Built-up of complete Air quality monitoring network in the Czech Republic**, including a comprehensive system for data acquisition, modification and evaluation (more than 120 monitoring stations across the country). A wide range of operators of individual measuring stations participate in the measurement network.
- **Built-up of complete Air quality monitoring network in Northern Cyprus**, including a comprehensive system for data acquisition, modification and evaluation (10 stations).
- **Built-up of Air quality monitoring network in Lebanon**, including a comprehensive system for data acquisition, modification and evaluation (More than 9 stations).
- **Built-up of Air quality monitoring network in Lithuania** (24 stations).
- High quantity of individual AQMS stations, monitoring vehicles, other applications or measuring equipment deliveries.



Low cost sensory air quality monitoring systems

- Built-up of a hybrid air quality monitoring system and an intelligent identification system of emission sources (35 enviSENS sensoric units + 2 reference monitoring stations) – VŠB Technical University of Ostrava.
- Built-up of sensory air quality monitoring system - project CLAIRO (25 enviSENS sensoric units) – VŠB Technical University of Ostrava.
- Built-up of sensory air quality monitoring system (20 AirTracker sensoric units) – Prague 6.
- Measurement of dust aerosol concentration at 15 locations throughout Lithuania with use of enviDUST sensoric units – Environment Agency Lithuania.
- Built-up of sensory air quality monitoring system (3 enviDUST sensoric units) – Brandys nad Labem - Stará Boleslav, Czech Republic.
- Built-up of sensory air quality monitoring system (3 enviDUST sensoric units) – Charles University, Faculty of Mathematics and Physics, Czech Republic.
- Wide range of applications with sensoric units.
- A research project funded by the Technology Agency of the Czech Republic for the development and testing of various air quality monitoring sensors.



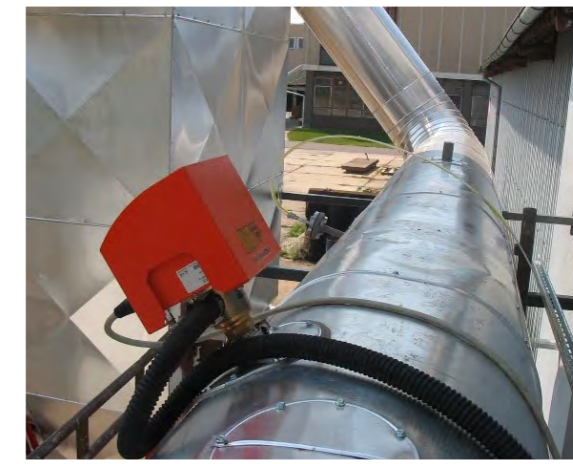
Smart environment



Continuous emissions monitoring system



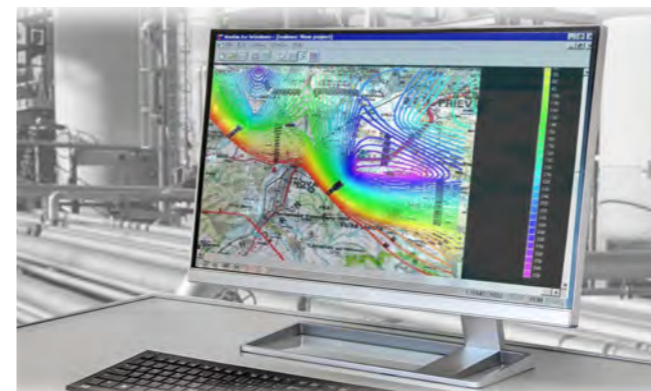
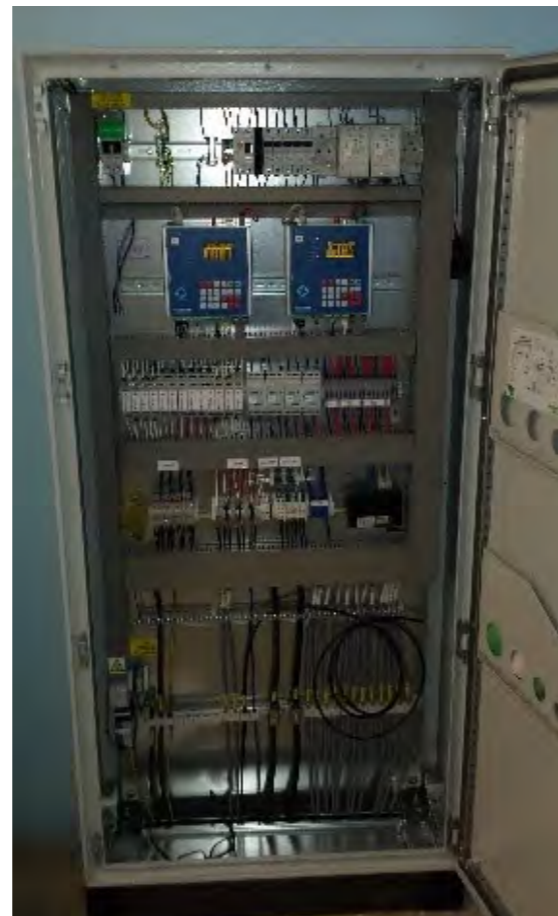
- Supply of continuous emission measurement system for power plant **Tekneçik – Northern Cyprus**.
- Supply of continuous emission measurement system for power plant **ZOUK – Lebanon**.
- Supply of continuous emission measurement system for incineration plant **SICOMO – Lebanon**.
- Supply of continuous emission measurement system for incineration plant **Rumpold Jihlava – Czech Republic**.
- Supply of continuous emission measurement system for research activities – **Lithuanian Energy Institute, Lithuania**.
- Deliveries and installations of software application licences for emission systems – **Czech Republic, Slovakia, Latvia, Lithuania, Turkey, etc.**
- Wide range of other deliveries of individual measuring devices and components.



Detection systems



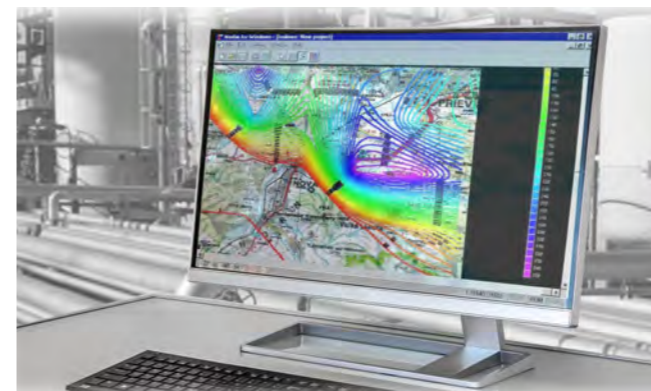
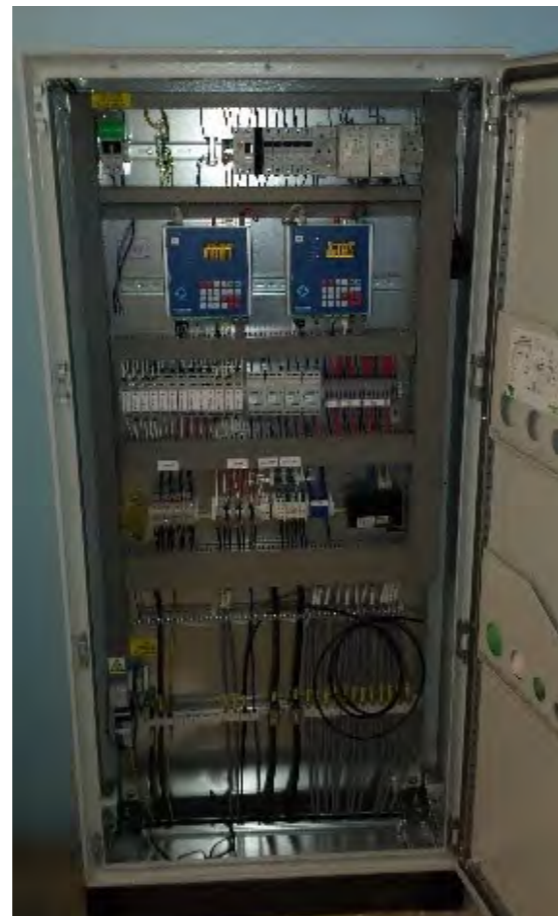
- Implementation of the emergency chlorine detection system in Diamo Stráž pod Ralskem, Czech Republic. Liquid chlorine storage and bottling are continuously monitored by 32 chlorine detectors. Data from them are then processed by the emergency emergency evacuation system.
- Implementation, operation and servicing of emergency detection system of chemicals for the production of semiconductors in ON SEMIiconductor Rožnov p/Radh., Czech Republic.
- Installation of a continuous monitoring system with more than 370 dangerous gas detectors in operation of semiconductor production technologies.



Detection systems



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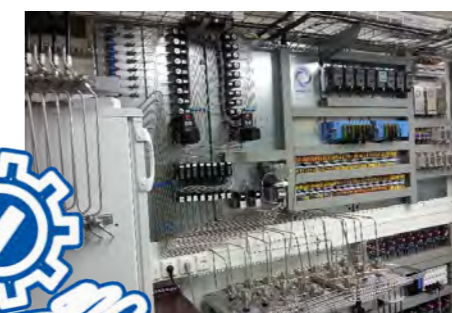
Ambient air quality monitoring services

- Measurement of ambient air quality around the Blanka tunnel, Prague – 4 monitoring campaigns for Prague City Hall, Czech Republic.
- Build-up of system and continuous air quality monitoring within Air Quality Information System, Vysočina (ISKOV I a ISKOV II) – Vysočina Region, Czech Republic.
- Build-up of system and regular short-term continual air quality monitoring within Air Quality Information System, Zlín (ISKOZ) – Zlín Region, Czech Republic.
- Long-term air quality monitoring in Jihlava, Olomouc, Otrokovice, Nošovice, Zlín, Hranice, Loštice, Šumperk, Brandýse nad Labem, in cement plants Mokré and in Prague – Radotín, and many more.
- Other short-term measurements for cities, regional authorities, universities and industrial companies.



Other supplies, installations and services

- Deliveries of drones with measuring equipment for air quality monitoring (especially dust particles).
- Installation of air sampling and treatment system from 250 m high mast in Košetice - Global Change Research Institute, ASCR, CZ.
- Deliveries of weighing robotic systems and analytical weighing systems for weighing gravimetric filters.
- Supply, installation and commissioning of systems for testing the efficiency of filters and filter media.
- Supply, installation and commissioning of equipment for measurement of aerosol particle parameters (spectrometers, aerosol generators, dilution systems, etc.).
- Supply, installation and commissioning of equipment for measuring the number of nano particles in the atmosphere
- Construction and complete equipment of the Experimental watershed within the Research of key ecosystems of soil and water interactions on the SoWa research infrastructure.





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