

$\text{NO}_2$   $\text{PM}_{10}$   $\text{SO}_2$   
 $\text{NO}_x$   $\text{CO}_2$   
 $\text{O}_3$   $\text{PM}_{2,5}$



**envitech**

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



# References of the ENVitech Bohemia

The main strategy of ENVitech Bohemia s.r.o. is to provide our customers with the largest possible range of products, in the highest quality. All of us in the company believe that the air we breathe, the water we drink and the food we eat should be free of harmful pollutants. A clean and healthy environment is vital to the quality of life we desire for ourselves now and for our children in the future.

We have supplied over 1,000 environmental monitoring systems to more than 20 countries around the world since 1992 and we are responsible to providing a service that is consistent, professional and of the highest quality to create value for all of our clients.

Everybody can be sure that our deliveries and service are a guarantee of a strong partner who will ensure high quality solution for many years. The company has been expanding its range of products and service since its creation. Today we design, for example detection systems for industrial operation protecting the health of employees and preventing collision of production equipment. Revenues have been increasing and so has been the staff. Starting with a single employee, the company now has a structure that meets the criteria of ISO 9001 and it has even founded a subsidiary based in Moravia.

In case of shared projects, the Czech companies are presented under a common name ENVitech Bohemia Group. This group guarantees that the delivery will be completed and the solution will be the best for the customer.



## Selected references



**Ambient air monitoring systems**



**Low cost sensory air quality systems**



**Continuous emissions monitoring system**



**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.



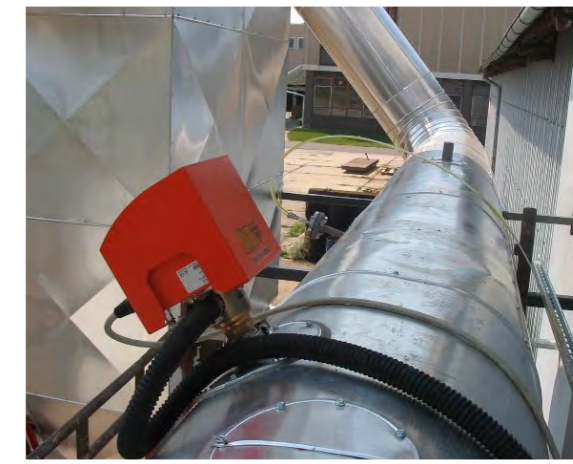
Smart environment



# 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.





# Meteorological systems and sensors

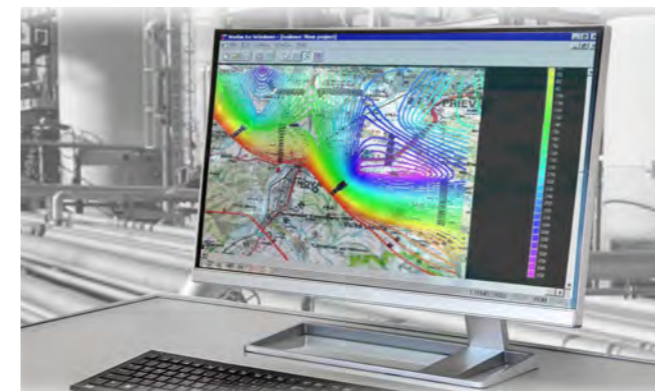
- Delivery and installation of Cloud Radar – **Institute of atmospheric physics, Czech Academy of Sciences, Czech Republic.**
- Delivery, installation and launching of special meteorological equipment (including sodar and ceilometer) for Tušimice Observatory – **Ostrava Airport - Czech Hydrometeorological Institute, Czech Republic.**
- Deliveries of various types of anemometers (Gill – HS50, WindMaster, WindObserver, Windsonic) pro **Global Change Research Institute, Czech Academy of Sciences, Czech Republic.**
- Deliveries of 10 pieces of Special WindObserver Transducers for **Czech Hydrometeorological Institute, Czech Republic.**
- Deliveries of ultrasonic anemometers for companies **EGÚ Brno, a. s., ÚTAM AV ČR, v. v. i., EMS Brno, ProjectSoft HK a.s,** and many others.



# Detection systems



- **Implementation of the emergency chlorine detection system in Diamo Stráž p / Ralskem, Czech Republic.** Liquid chlorine storage of 180 tons and liquid chlorine bottling of 30 tons is continuously monitored by 32 chlorine detectors and scanned by the emergency evacuation system.
- **Implementation, operation and servicing of emergency detection system of chemicals for the production of semiconductors in ON SEMIconductor Rožnov p/Radh., Czech Republic.**
- **Installation of a continuous monitoring system with more than 370 dangerous gas detectors in operation of semiconductor production technologies.**





# 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, Czech Republic.
- 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







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