



CZECH WATER ALLIANCE

*Comprehensive water management
solutions, services and technologies*

SUPPORTED BY



CZECH WATER ALLIANCE



ASIO TECH, spol. s r.o.



KUBIČEK VHS, s.r.o.



BKG - úprava vody a.s.



MARVES v.o.s.



CENTROPROJEKT GROUP a.s.



POLYPLASTY s.r.o.



CINK Hydro – Energy k.s.



PRESSKAN system, a.s.



EKOSYSTEM spol. s.r.o.



REKUPER SYCHROV, s.r.o.



ESA INVEST s.r.o.



Separionics s.r.o.



FORTEX - AGS, a.s.



TECO, a.s.



GEOTEST, a.s.



VAPO spol. s r.o.



HSI com s.r.o.



WOMBAT, s.r.o.



IN-EKO TEAM s.r.o.



ZEBRA GROUP

CZECHTRADE PROMOTION AGENCY



Czech exporters in the water management sector are among the world's technological leaders thanks to their high production standards. They offer a wide portfolio of high value-added products and services covering the entire segment, from unique technologies for the construction of water projects, to water treatment and IT technologies.

Thanks to the export-oriented Czech Water Alliance (CWA), Czech companies can offer their foreign partners even more comprehensive and innovative solutions than before. The synergistic cooperation and shared development and know-how of individual members, thanks to which they can offer foreign clients a unique comprehensive portfolio of attractive products, are the key reasons for the creation of the alliance.

The CzechTrade agency, which was behind the creation of the Czech Water Alliance, is responsible for coordinating the activities of the organization, finding optimal solutions for its presentation abroad and ensuring contacts with municipal and state institutions that can use the products of the alliance. CzechTrade cooperates with Czech and foreign embassies in this area.

CzechTrade has been connecting small and medium-sized Czech enterprises with foreign private, municipal and state entities for 25 years. It has a wide network of experts in foreign offices covering nearly 60 territories worldwide.

CzechTrade's experts are able to offer optimal solutions for matchmaking suppliers and business partners based on their long-term knowledge of local markets on the one hand, and their knowledge of Czech products and services on the other. The result is demonstrable time and financial savings and, above all, a guarantee of quality solutions that benefit all the entities involved.

Radomil Doležal
General Director, CzechTrade



CZECH WATER ALLIANCE



The Czech Water Alliance (CWA) was established in 2004 as one of the first parts of the Czech Trade Promotion Agency's CzechTrade Alliance Project.

The aim of the CWA (Czech Water Alliance) is to make Czech companies, along with their products and technologies, more visible and to promote them to foreign customers. The CWA is trying to improve the position of Czech companies in the field of exporting services and technologies in water and waste management. Thanks to the companies in this alliance and cooperating companies, we are able to provide a comprehensive set of services from presentation and project development to actual delivery and implementation.

The Czech Water Alliance has been cooperating with and continuously addresses more than 300 companies on the Czech market and currently brings together a prestigious portfolio of companies specializing in investment construction, design and construction plans for water projects, hydroelectric power plants, dams and dykes, water resources restoration, analysis and treatment of all types of water, construction and reconstruction of technical networks of local governments and local areas, geology and hydrogeology, waste-free technologies and software with an environmental impact.

The basic export strategy is to increase the export share of services and technologies from the companies associated in the alliance. It also involves providing services for potential foreign clients and support services for Czech exporters, to effectively use European funds in supporting companies in the water sector. We want to provide foreign partners with assistance in finding a suitable supplier. The export strategy is in line with the Export Strategy of the Czech Republic for the period 2012-2020.

We offer each of our members up-to-date summaries of inquiries and public contracts in the industry. We organize foreign trade missions, conferences, exhibitions and export seminars. We cooperate in the use of subsidy programs and EU funds.

We consult and implement our activities in cooperation with the Ministry of Industry and Trade, Ministry of Foreign Affairs, CzechTrade and other state institutions.

Jiří Marek
Chairman, CWA





ASIO TECH, SPOL. S R.O.

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ASIO is a Czech engineering and contracting company with an international presence founded in 1993. The company works in the field of development, production and supply of technologies for wastewater treatment, water treatment and air purification. The wide range of water management products it supplies are applied in the treatment of wastewater from houses, municipalities, cities, hospitals and in various industries.

Since 2017, the company has divided its portfolio into two companies – ASIO NEW, spol. s r.o., which primarily specializes in the sale of water management products, and ASIO TECH, spol. s r.o., which is more focused on the supply of technologies and technological units. Together, both ASIO companies still form a single unit with a common strategy and headquarters address. They are linked by property and cooperate closely within the ASIOgroup.

MAIN FIELDS OF ACTIVITY:

- wastewater treatment,
- water treatment,
- water & energy recycling,
- rainwater management,
- blue-green infrastructure,
- sludge and waste management,
- air purification.





WATER TREATMENT

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BKG ÚPRAVA VODY designs, builds and supplies equipment and complete water treatment technologies for industrial and energy companies, medical facilities, agriculture, and more. Among other things, the company specializes in the pharmaceutical industry, food industry technology for the needs of agriculture and the production of drinking water from polluted sources. Our company also specializes in membrane technologies for highly saline solutions of brackish water and seawater.

- Sludge and silt filtration, activated carbon filtration, microfiltration
- De-icing and de-manganizing
- Softening equipment, dosing of antiscalant before membrane technology
- Decarbonization – partial desalination
- Fully desalination plant
- Membrane ultrafiltration technologies
- Membrane nanofiltration technologies
- Reverse osmosis membrane technology
- Highly saline water membrane technology, including back pressure modules for energy saving
- CIP units for membrane technology
- EDO stations with a resulting desalination quality of 16 - 18 MΩ
- Water disinfection with UV and ozone



CENTROPROJEKT a.s. is a provider of professional design and consulting engineering services with more than 80 years of experience in the civil engineering sector. We design environmental projects for water supply, wastewater disposal and treatment systems.

MAIN FIELDS OF ACTIVITIES

a) Industry

Our experts provide a comprehensive solution of water systems for various industrial sectors (such as textile, leather, printing, glass and food industries) as independent construction projects of utility services, wastewater and water treatment plants.

b) Towns and Villages

Our solutions comprise hydrotechnical calculations of water and sewer systems as well as the design of water mains and trunk sewers, including wastewater treatment plants. We have also elaborated project design documents for the construction of wastewater treatment and disposal systems with the support of EU PHARE, ISPA and Cohesion Funds.

c) Foreign Experience

According to our project design documents, tens of industrial wastewater treatment plants and water treatment plants were built for factories in Slovakia.

We have designed treatment plants in Mongolia and Bangladesh to treat effluents from local tanneries. A construction of a large water supply system for the town of AKSAI in Kazakhstan was implemented according to our project design as well.

Pertinent projects for water supply and wastewater treatment systems are also provided by Centroprojekt do Brasil, our daughter company, based in Sao Paulo.

PROFESSIONAL QUALIFICATIONS

Our comprehensive services are provided by teams of experts in water systems. They comprise a chemical engineering laboratory, a department for engineering-geological surveys mechanical engineering, civil & construction engineering groups, and experts in supply procurement and construction services.

Monitoring and evaluation of various models, as well as individual chemical analyses of water and sludge are performed in the above certified chemical laboratory.





CINK HYDRO - ENERGY K.S.

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Over 35 years of experience in manufacturing hydro turbines.

CINK Hydro - Energy ranks among the leaders in deliveries of technology for small and medium-sized hydropower stations. From design through manufacturing, transport and finally commissioning, the company is capable of turn-key deliveries including 24/7 remote assistance and on-demand service visits across all of the permanently inhabited continents. Whether you're in need of a 10-kW micro hydro source or seeking the entire electromechanical water-to-wire (W2W) package for a 10-MW power plant, you've come to the right place.

All our turbines (Crossflow, Pelton, Kaplan and Francis) are designed to minimize civil works, make installation faster and the maintenance as simple as possible. High quality and long service lives is then assured by tailor-made equipment and carefully selected components, strictly from the European Union.



EKOSYSTEM Ltd. is one of the leading professional organizations in the field of environmental protection and water management. The company is an established manufacturer of technical equipment and provider of associated services in the domestic market and abroad. The main principles of the company's business strategy are providing the widest possible range of high-quality products and services, and having a friendly approach to customers' individual requests, with the objective of establishing long-term cooperation based on mutual trust and profitability.

THE MAIN ACTIVITIES OF THE COMPANY ARE:

- Environmental monitoring and remediation (groundwater, soil, building construction etc.)
- Removing environmental burdens, loads and damages
- Removing environmental accidents
- Drinking and process water treatment
- Municipal and industrial wastewater treatment
- Biological waste treatment and alternative fuels production
- Environmental impact assessment (EIA)
- Preparation of applications for integrated environmental permit process (IPPC)
- Analysis and assessment of health and environmental risks
- Environmental audits and due diligence

EKOSYSTEM Ltd. is a stable company that has been successfully operating in both the national and international market for more than 20 years. During this period the company has supplied a wide range of its own technical equipment to many countries of Western and Eastern Europe (France, Germany, Poland, Slovakia, the Russian Federation, Ukraine and others). Promoting its own products in foreign markets is an important part of the strategic development of the company. Since 2010, the company has been represented in Ukraine by its daughter company EKOSYSTEM Ukraine, Ltd. (Vinnitsia).



Wastewater treatment plant Strakonice (75 000 inhabitants)



Environmental remediation in the area of the former enterprise CKD Elektrotechnika in Prague

The company's major clients are industrial enterprises in the fields of mechanical engineering, chemistry, electrical engineering, gas industry, fuel storage and distribution, as well as government and local authorities (municipal authorities), and businesses in construction, energy and applied ecology.

EKOSYSTEM Ltd. has implemented and certified an integrated management system and is a holder of certification EN ISO 9001:2008, EN ISO 14001:2004 and BS OHSAS 18001:2007.



Wastewater and rainwater treatment at Shell petrol stations in Vsechlapy (motorway D1)





ESA INVEST S.R.O.

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ESA INVEST has been providing professional services in the field of exhibitions, engineering, development activities and real estate offerings for sale and rent for 15 years.

We offer extensive experience based on long-term cooperation with large international companies, organizers of exhibitions and fairs to ensure your participation in fairs.

We provide comprehensive services in the field of engineering activities in capital construction. Within the scope of engineering activities, we will provide all statements and standpoints of state administration bodies and administrators of utilities necessary for submitting an application for issuing a decision on the location of a building and subsequently a building permit. We provide engineering services throughout the Czech Republic, Slovakia, Romania and Poland through subsidiaries.

We offer investors comprehensive development activities for the purpose of construction of residential and commercial real estate, especially shopping centers. Our team is ready to participate in individual phases of the project or to implement a turnkey project.

We are now also offering complete deliveries of washing box constructions and hand washing technology, so-called self-service car washes. We use technologies with low water consumption and which are environmentally friendly.

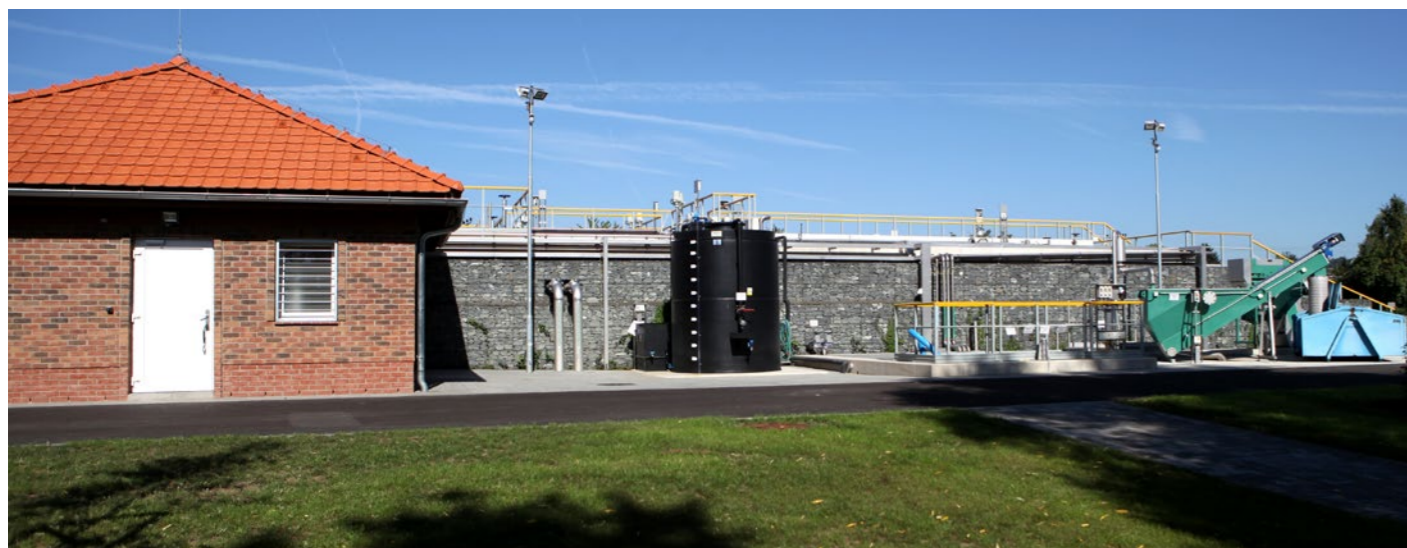


The company FORTEX-AGS, a.s. is a trading and manufacturing company which carries out activities in several divisions. The company was founded in 1968 and FORTEX-AGS a.s. has been a part of the concern Úsovsko holding a.s. since 2006.

Many years of experience, extensive operational experience, thousands of newly opened, renovated and modernized waste water treatment plants in Czech Republic but also abroad is why the company FORTEX-AGS a.s. is among the most stable and most respected water companies in Czech Republic. Our top priority is to provide high quality products and services, environmental protection as well as the safety and health of our employees. All of these are evidenced by obtaining the ISO 9001, ISO 14001 a OHSAS 18 001 certificates. Among the significant achievements in this field we can include the patent protection for the results of the development of the registered trade mark "FORTEX-AGS".

The permanent innovation of the production program and the development of new technologies are ensured by a team of specialists – development engineers, designers, business managers and all sorts of other professionals. All of them are ready to solve the investors demands, starting by processing the offer of the best solution through the actual realization and ending with trial operation. Another service the company FORTEX-AGS a.s. provides is regular product service and long-term technological consultancy.

Company activities in the field of waste water treatment is being developed not only in Czech Republic, but also in challenging foreign markets. It operates for example in Austria, England, Poland, Greece, Serbia and Slovenia. The business activities are successfully developed in countries of the former Soviet Union. In addition to the orders realized by our own sales network, the joint venture in Yekaterinburg, Russia develops its own activities and, thanks to this joint venture, our WWTP division implements several major projects of wastewater treatment plants.



WE OFFER TO OUR CUSTOMERS

- Individual approach to every single customer
- Comprehensive package of services including:
 - Professional consultation
 - Study of proposal solution
 - Processing of technology offers
 - Calculations and budget
 - Design activities including the possibility of setting building permit
 - Production of WWTP technologies
 - Technology deliver
 - Monitoring and evaluation of the trial operation
 - Customer service
- Delivery of typical or special WWTP technology solutions
- Stainless steel production

WE IMPLEMENT

- Delivery of domestic WWTP
- Delivery of technologies for municipal WWTP
- Delivery of technologies for industrial WWTP
- Aeration systems
- Stabilization and sanitation of sludge by oxygen for its use in agriculture – OSS



- Fully transportable container WWTP suitable for extreme weather conditions.
- Settlement tanks and its equipping
- Additional equipment (Sand catcher, fat catcher, pump pits, batching plant, self-supporting tanks)
- Stainless steel production (screens, lifting equipment, pedestrian bridges, sedimentation tanks, stairs, brackets)



GEOtest, a.s. is a comprehensive company that provides a wide range of services (from consulting and design to contracting) in environmental fields (e.g. remediation ecological burdens), engineering geology, geotechnics and hydrogeology. Its high expertise consists in more than 150 employees with mostly university educations and a significant number of authorizations, certifications and certificates. The company owns accredited hydrochemical and soil mechanics laboratories, and the complete sampling of all environmental constituents is also accredited.

THE COMPANY'S MAIN FIELDS OF ACTIVITY INCLUDE:

- Protection and remediation of groundwater and the rock environment, disposal of old
- Environmental burdens
- Risk analyses and environmental audits
- Waste management, landfills, cleaner production
- Water (groundwater, surface water, wastewater, contaminated water), soil and waste analytics
- Hydrogeology, drinking water supply
- Engineering geology and geotechnics, geotechnical monitoring, soil-mechanical and
- Geotechnical tests

GEOtest, a.s. also successfully develops activities abroad. Among these, the most important projects especially include projects financed by the Czech government, e.g. the project for the remediation of contaminated soil and groundwater at the Novi Sad Refinery (Serbia), a project to revitalize a site contaminated with mercury in Vlora (Albania), a hydrogeological survey for the provision of drinking water in the northern Gobi (Mongolia) or the drinking water treatment project for the city of Baguio (Philippines).



HSI COM – SOLUTIONS FOR OPERATORS OF UNDERGROUND UTILITIES

- The GIS of HSI com s.r.o. is built on modern GIS and Internet technologies.
 - It is in use in about 20 water companies.
 - It has an interconnection with the customer IS as well as the company IS.
- It can be supplemented with a module for the registration and management of investment construction and a module for the automated processing of opinions on the existence of underground utilities and project documentation.
- A mobile information access solution for field staff is also available.



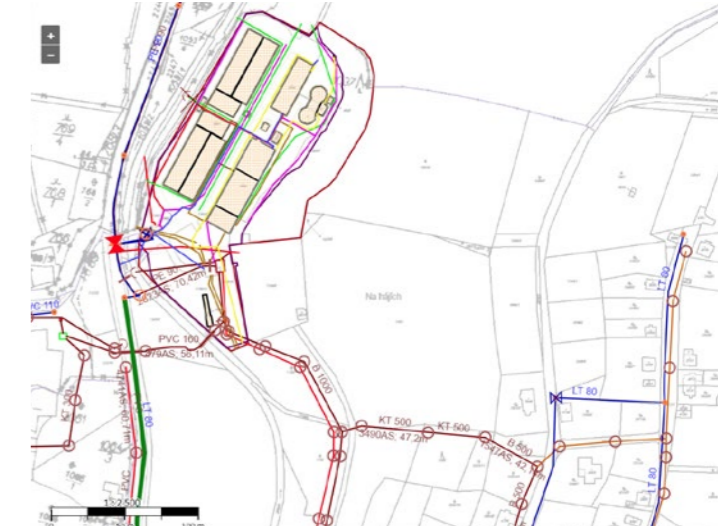
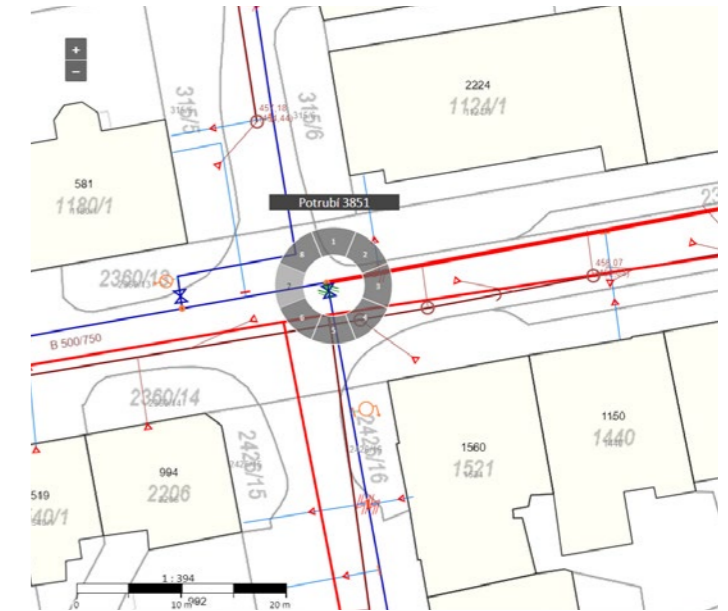
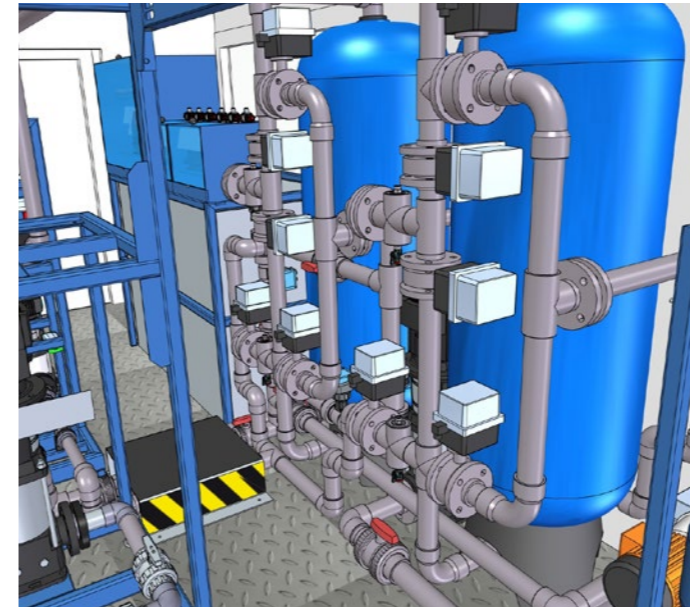
HSI COM – SOLUTIONS FOR INVESTORS

- The cornerstone is the implementation of CAx/PLM software (Solid Edge, NX, Teamcenter).
- We capitalize on the experience gained during the implementation of the software through our own design office focusing on the design and construction of water management technological units.
- We offer strength and process simulations and have our own design capacities.
- We offer support for additive manufacturing using 3D printing.



HSI COM – SOLUTIONS FOR EVERYONE

- We implement systems for document management, circulation control and archiving.



IN-EKO TEAM S.R.O. GROUP IS A DESIGN, ENGINEERING, PRODUCTION & CONTRACTING COMPANY PRESENT FOR OVER 27 YEARS IN THE NATIONAL AND INTERNATIONAL MARKET.

The group works in the sector of wastewater management, production and supply of technologies for water treatment & sewage treatment.

The wide range of water management products and services are dedicated to the wastewater treatment of municipalities, industries such as paper mill, food & beverage, slaughterhouse, textile production, chemicals, hospitals, hotel chains.

Our business of water management products is mainly focused on the design & supply of technologies and technological units from the pre-treatment, secondary treatment and filtration. Together with the companies of the group we can provide, with a common strategy, a 360-degree management of all the problems of a Wastewater Treatment Plants.

IN-EKO TEAM OFFER EXTENSIVE SUPPORT BASED ON LONG-TERM ACTIVITY AMONG ALL OVER THE WORLD:

- Tailor made approach for every single partner
- Management of water supply and sewerage systems and water treatment and distribution
- Design and specialized technological & construction activities for new plants
- Revamping of existing wastewater treatment plants
- Processing of technology offers
- Calculations & budgeting (including the analysis for the cost saving and R.O.I.)
- Direct production of wide range of devices for water treatment plants
- Trial operations with monitoring of the expectation & results
- Remote and on-site service with direct service department
- Analysis and control of the whole technical services process





SPECIALISTS IN BLOWERS

KUBÍČEK VHS, S.R.O.

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KUBÍČEK VHS, s.r.o. is a Czech company founded in 1991 and based in Velké Losiny, Czech Republic.

We are the largest Czech manufacturer and supplier of blowers for a wide range of applications. We guarantee our partners absolute professionalism in all aspects of our products and services, perfected over the years. Blowers of our own design are developed and manufactured in Velké Losiny.

From the first contact with the client, to the delivery and installation of the equipment and the subsequent service, all KUBÍČEK employees follow the main company principles: to deal with the customer's requirements individually, quickly, correctly and with above-standard friendliness.

Today, our products work reliably all over the world.

KUBÍČEK VHS, s.r.o. is a holder of quality management certificates and certificates according to ISO 9001, ISO 14001, OHSAS 18001, EAC and UkrSEPRO.



MARVES v.o.s. was founded in 1991. The main activity of the company is the automation of technological units, mainly in the water management, power industry and heating sectors. We approach the automation of technological units comprehensively from the design and modification of mechanical parts and high-current equipment, through measurement and control to superstructure control. This is matched by both the qualifications of the staff and the company's authorization to operate.

WE MAINLY SUPPLY AND ASSEMBLE THE FOLLOWING TECHNOLOGICAL GROUPS:

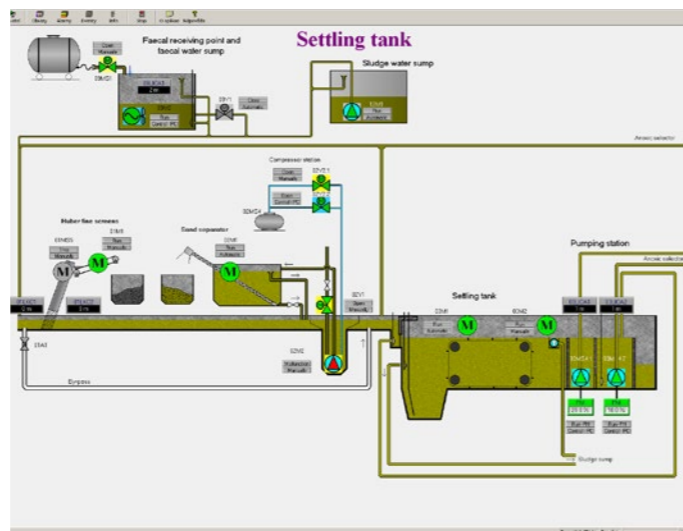
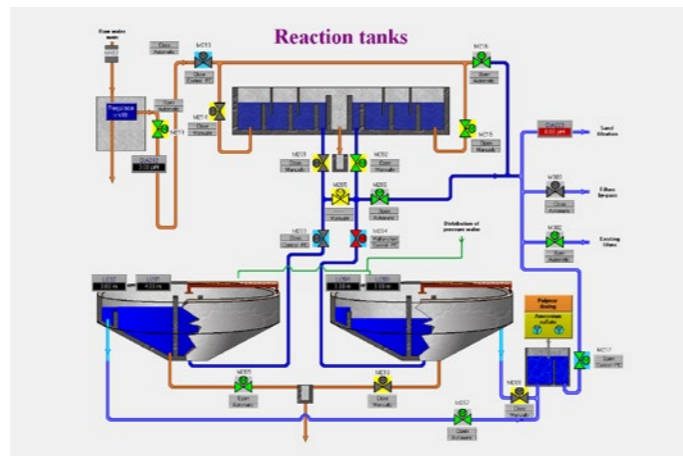
- wastewater treatment plants (implemented: 42)
- wastewater pumping stations (implemented: 98)
- water treatment plants (implemented: 30)
- clean water pumping stations and water reservoirs (implemented: 390)
- boiler rooms and heat exchanger stations (implemented: 0)
- If necessary, we combine these technological units into groups with dispatcher control with communication via line, radio modem or GSM.

THIS IS HOW WE IMPLEMENT:

- control rooms (implemented: 481)
- radio points (implemented: 483)

FOR THE IMPLEMENTATION OF THE ABOVE, WE PROVIDE:

- design documents (implemented: 40)
- LV switchboards, field instrumentation
- frequency converters (implemented: 51), measurement and control components



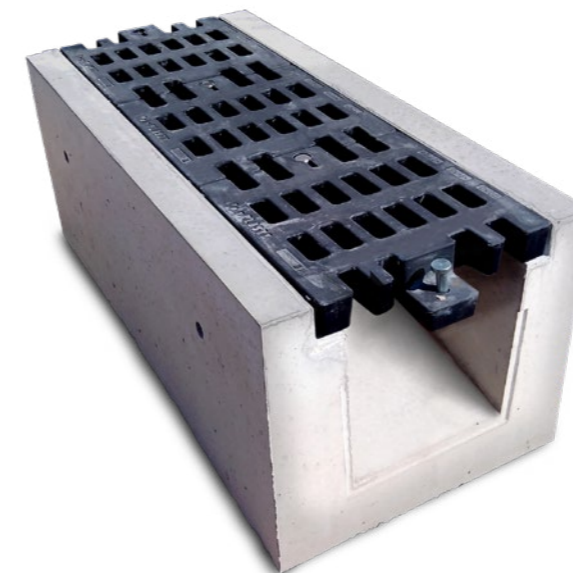
The company PolyPLASTY is a traditional Czech producer of engineering plastics with more than 50 years of experience. It has been producing plastic sewer grating and covers of ROVASCO material since 2005. These heavy duty products bear up against high load, class D400, C250 according to EN124 norm. There are different kinds of grating and covers in the current product range. Thanks to our own design department, the development of new products is prompt and cost effective.

ROVASCO is the name of the material as well as the whole product range. ROVASCO is a unique polymeric system with built-in structure additives, warranting the excellent mechanical parameters and chemical and weather resistance.

Rovasco is generally appropriate for applications, where a stout, tough material, with high abrasion and chemical resistance – water, oil products, salts and abrasive materials, is requested. Persistence of mechanical parameters at low temperatures.

CONTRIBUTION OF ROVASCO CONCEPT:

- securing against theft & vandalism
- easy to transport and move around
- low weight - fast installation
- weather resistant
- chemical resistant
- easy to dismount from the frame (after a long period of using)
- design flexibility (shape, cover and colour type)
- no noise from the grate or cover when traffic has passed
- high toughness of material (at low temperatures from -30°C up to +120°C)
- high abrasion resistance
- ability to suppress shocks and vibration in operation



It is a technology that contains materials designed for work in sewage and is not subject to corrosion. The PRESSKAN® pressure sewer system is based on the removal of sewage water by means of a pump located in a pumping shaft. The sewage from the property is discharged into this shaft. The volumetric pump, equipped with a dirt crusher, is controlled by an automatic control system and a level sensor. The moment the level reaches the upper sensor of the level sensor, the pump is switched on and the shaft is then pumped out. Once the pump has been depleted below a certain level in the shaft, it automatically switches off again.



The PRESSKAN® system uses low pipe profiles (40 - 16 mm) which, thanks to the optimal dimensioning, do not clog and thus have a self-cleaning effect guaranteed for 20 years. Narrow recesses without the need for a gradient at a depth of 0.9 - 1.2 m (non-freezing depth) guarantee low investment costs (approx. 50% of gravity and vacuum sewers). Low operating costs are also ensured by the self-cleaning effect of the pressure pipe and the low-power consumption.

ADVANTAGES OF PRESSKAN® PRESSURE SEWERS

- Low investment costs
- Unattended operation and low sewer rate
- Closed system with no leakage into the ground water
- Low power consumption
- Reliable system with more than 20 years of operational experience
- Environmental protection
- Czech product, in-house production
- Provision of service and spare parts



PRESSKAN® PRESSURE SEWER

- Narrow excavation (0.9 - 1.2 m depth) without the need of a gradient
- Waterproof system
- Without the risk of leakage of toxic and of explosive substances into the pipe system
- Sewer without inspection objects
- Self-cleaning ability of the pipeline





REKUPER SYCHROV, S.R.O.

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The company's main business is manufacturing and trading activities promoting and introducing environmentally-friendly and energy saving products and equipment. Gradually, the company has profiled itself in several basic fields of activity, which it intends to continue to operate and develop.

The basic activity is the production, including design and installation, of ventilation units with heat recovery intended mainly for industrial buildings. These devices are of our own design, including a unique solution of a plastic heat recovery heat exchanger. The ventilation equipment is continuously modernized, including the development of new equipment. Another field of activity is the production and design of technical solutions and assembly of wastewater flow control equipment, especially float regulators, shield separators and shield bar racks. These devices are developed in close cooperation with the German company APA.



In terms of turnover, CNC sheet metal processing is the mainstay of the company, both for its own production and mainly for its customers. The company has state-of-the-art technological equipment for laser cutting, punching and bending as well as subsequent operations such as welding or powder coating. The production process is technically supported by high-quality and extensive production preparation.

The company pays high attention to the quality of its products, as evidenced by the fact that it has implemented a quality management system according to ČSN (Czech National Standard) EN ISO 9001:2009. Certification, including inspection audits, is carried out by the company TÜV International.



Separionics is a supplier of electro-membrane desalination processes. We focus on various electro-membrane separation technologies to remove ions from aqueous solutions in the most efficient way for our sustainable future. At Separionics we remove or concentrate ions and molecules from various liquids. We remove ions at lower energy cost, we replace existing technologies, we extract valuable components and we minimize chemical and energy consumption to a greater extent.



OUR MAJOR PRODUCT LINES

E-Sorp:

Advanced electro-membrane process based on CapDI technology for highly efficient ion removal with lowest energy consumption and high recovery. Ideal for process water desalination, potable water desalination, energy efficient and environment-friendly softening and denitrification

- Fewer or no chemicals compared to traditional technologies
- Fewer or no pre-treatment compared to traditional technologies
- Very low energy consumption
- High recovery up to 95%
- High durability, Plug-and-Play, user-friendly, solar-powered

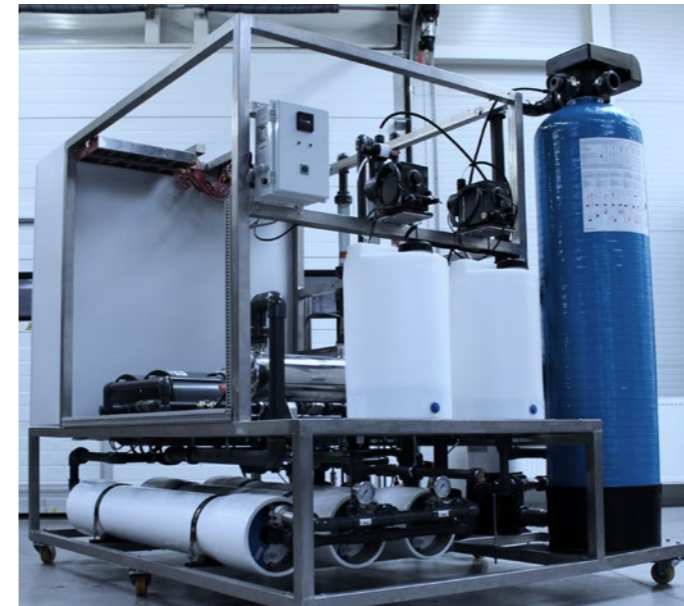
E-Sep:

Classic electro-membrane technology based on electrodialysis and bipolar electrodialysis for targeted ion removal of highly saline or complicated solutions; efficient liquid concentration

- Demineralization of whey and milk derivative
- Glycerin desalination
- Valorization of brines, production of acids and bases
- Efficient brackish water desalination
- Recovery of ammonium nitrate from wastewater
- Minimal liquid discharge solutions
- Non-thermal concentration of brines

Hybrid Membrane Systems:

Combines pressure-membrane and electro-membrane technologies to achieve highest product quality and efficiency whilst providing highest added value for the clients.



Modern water technology cannot do without modern automation. This not only ensures compliance with technological processes and their optimization, but also significantly saves on operating costs. Teco a.s. is a major supplier of TECOMAT control systems used in a wide range of water supply technologies and wastewater treatment processes. Because they are universal systems, they are also used in the heating, food and chemical industries.

In its supply program, Teco a.s. has both modular TECOMAT TC700 distributed systems for large waterworks or treatment plants with thousands of measured values and control elements, as well as small but also modular TECOMAT FOXTROT systems capable of efficiently serving small technological nodes such as wells, pumping stations and others.

All TECOMAT systems have integrated communication channels that connect to the control room or maintenance worker via private radio networks, LAN/WAN networks or public wireless GSM networks or the Internet. Low power consumption and a built-in WEB server allow the efficient connection of remote sites. The comprehensive control system offer is rounded off by software that enables the creation of operator workstations and complex control rooms. The RELIANCE 4 system is a state-of-the-art tool that can be called upon for everything that water and wastewater treatment operators require today and will require in the future. This includes an overview of all variables, their archiving in universal databases, fast alarm reporting and effective interventions, and user-friendly operation.

The TECOMAT and RELIANCE systems are multi-language systems. Therefore, they are applicable and used worldwide. TECOMAT systems appeal to designers and manufacturers of water and wastewater treatment technologies as well as to end customers and operators who are looking for a high-end, versatile, future-proof, and reliable system for their company over the long-term. You too can become a member of the community of satisfied TECOMAT users. You are welcome.





VAPO SPOL. S R.O.

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VAPO spol. s r. o. was established in 1993 and is currently based in Červený Kostelec. The production program is focused on two areas: rubber-textile products and molded technical rubber.

Rubber-textile products are divided into pipe sealing bags, lifting bags, crack sealing bags, sealing wedges and rehabilitation packers. Other rubber-textile products are manufactured according to specific customer requirements.

Technical rubber is produced in a wide range of products by classic pressing on electrically heated presses. We are able to quickly produce small batch orders from one to several thousand pieces.

We process all types of elastomers including FPM, ECO and VMQ. The main range of products are gaskets, grommets, stops, sleeves, diaphragms (also with textile), springs, and more.





WOMBAT, S.R.O.

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www.wombat.cz

WOMBAT, s.r.o. was founded in 1990, focusing on the rehabilitation of underground pipelines using trenchless technologies. In 2020, the company celebrated 32 years of activity on the domestic and European market and became one of the fastest-growing companies in the newly-established field of rehabilitating underground pipelines using trenchless technologies. Environmental protection is a primary consideration in the execution of construction work. Currently, the company offers comprehensive services in the diagnostics and rehabilitation of underground pipelines for sewer, water and gas underground pipe systems.

WOMBAT carries out the rehabilitation of underground pipelines from DN 80 up to profiles of all types of material and various transverse shapes – circular, egg-shaped, and mouth-shaped for all degrees of damage.

For the renovation of sewerage networks, KAWO trenchless sleeve technology is mainly used, consisting of inserting a lining into the existing non-compliant pipelines. The design of the lining thickness is determined by computer calculation depending on the degree of damage to the pipeline, the depth of pipe laying, the load on the overburden, and additional inputs. Hundreds of interesting constructions involving the rehabilitation of underground pipelines have been realized by KAWO technology. In the early 2000s, a large cooperation was started with Russian companies in Noyabrsk and especially in Moscow, where interesting construction projects were realized right in the centre of Moscow. WOMBAT has made a good name for itself in the reconstruction of a DN 1400 pressure steel pipeline on Kutuzovsky Prospekt with a total length of more than 1,600 m. The rehabilitation of 3 existing DN 1400 sewer inverted siphons under the Moskva River in the Strogino locality, each nearly 200 m long, deserved media attention as well.



ZEBRA ZEBRA GROUP S.R.O.

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ZEBRA GROUP is the youngest automotive company in the Czech Republic focused on the production of commercial vehicles – swap body carriers.

45 types of bodies for the year-round maintenance of public spaces, parks and waterworks can be attached to the ZEBRA vehicle with its powerful hydraulics and 4x4 drive. Examples of use include: removal of grass and sand and tipping onto 3 sides, loading arm, forklift, container carrier, sprinkler and pumping tanker, shoveling snow on roads and pavements, gritting pavements and roads, garbage collection, cleaning sewers and cesspools.

It is possible to choose between ZEBRA vehicles with a CATERPILAR internal combustion engine or ELZEBRA vehicles with THE ELECTRIC DRIVE AND ZERO EMISSION VEHICLES.

ZEBRA is a member of the Automotive Industry Association AUTOSAP, the Czech Chamber of Commerce, the Association for Public Services, the German-Czech Chamber of Commerce and VAK e.V. (Verband der Arbeitsgeräte-Kommunalfahrzeugindustrie e.V.)

OUR CUSTOMERS

Cities, municipalities, municipal and cleaning companies, site and waterway managers, water companies and all responsible companies focused on sustainable development with zero emissions.



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- PIPES, FITTINGS AND ARMATURES
- WATER PUMPING
- MEASURING AND CONTROL
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- SEALING BAGS FOR PIPES, PACKERS, TECHNICAL RUBBER
- RESEARCH, PROJECT AND CONSULTING WORK
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- COMPREHENSIVE SOLUTIONS IN WATER MANAGEMENT FROM CWA



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