



Capability statement

VTK Innosystem Ltd.

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VTK Innosystem Ltd. founded 27 years ago provides strategic consulting services and managed services to commercial, and governmental organizations. Our consulting can mobilize the right people, skills and technologies to help organizations improve their performance. As an enterprise, committed to excellence and creating innovative and flexible solutions for our clients.

Core capabilities

Our experts and management professionals give solutions in the areas of:

- Consulting
- Design of water, nature and environmental protection related technology
- Managed services
- Research, development and innovation activities on these field

Consulting

Our consulting services focus on integrated solutions designed to enhance the performance of your business. By incorporation industry best practices into your business processes and management strategies, we can help you stay ahead of the competition and better serve your customers.

Design services

Our design services focus on developing robust, secure and stable technology solutions. By incorporating common sense solutions into seemingly daunting deliverables, we can ensure at the start of the project that we will safely deliver the product to completion.

- Design of new facilities (drinking water and wastewater treatment plants, waste disposal plants, sewer systems)
- Retrofitting existing facilities,
- Computer modelling of water distribution systems, elaborating operational strategy for water supply
- Planning building documentation with construction permit, implementation plans
- General plans in the specialization of public utilities

Managed services

Company personnel have a wealth of in-depth, real-world experience to deliver successful outcomes. We provide the best team with a blend of skills to deliver your projects in water and environmental protection. Staff has expertise in the following:

- Water resource management
- Hydrogeology, water quality protection
- Utility asset evaluation and rolling planning
- Investigating the quantity and quality of runoff of subcatchments
- Analyzing infiltration, evaporation and runoff parameters
- Evaluating real estates, properties and public utilities
- Groundwater modelling, hydrogeology, water source protection, groundwater monitoring
- Environmental remediation, environmental impact assessment, IPPC
- Environmental condition of property assessment
- Environmental baseline surveys, environmental monitoring
- Waste disposal, waste management
- Property evaluation
- Development of industrial water management and pollution prevention
- Environmental and human health risk assessment related to polluted sites
- Evaluating environmental status of lakes and surface water reservoirs
- Field work: on-site measurements, accredited sampling, technical assistance



Qualifications

Having ISO 9001 quality management and ISO 14001 environmental management system certifications. Certified as a sampling organization (Accreditation by the Hungarian Accreditation Board. (Complying with the criteria of MSZ EN ISO/IEC 17025:2001 standard).

Past performance (shorted list)

Commercial	Governmental
Environmental Audit of <i>Tiszai Vegyi Kombinát plc. ECOMISSIO Ltd. TVK-ReMat Ltd.</i>)	Feasibility studies, study plans, environmental impact assessments and risk assessments – - water resources protection, (Client: General Water Directorate (HU))
Upgrading of wastewater treatment plants (<i>industrial: MOL Duna Refinery municipal: Zalaegerszeg, Oroszlány, Győr, Sopron, Szeged, Veszprém and more</i>)	Utility asset evaluations at Ráckeve Danube section – Client: Association of Self governmental entities
Feasibility studies, study plans, environmental impact assessments of using alternative energy (<i>Petőháza Sugar Factory, City of Győr, City of Gödöllő</i>)	EU ISPA – Cohesion and Structural Fund - Development of wastewater collection and treatment systems – feasibility studies (in cities of Kecskemét, Nagykanizsa, Zalaegerszeg)
Contribution in Site-wide Water Evaluation and Exceedance Prevention (SWEEP) Program at five factories of the General Electric in Hungary. Elaboration of Storm Water Pollution Prevention Plan for the Nagykanizsa Light Source Factory of the General Electric.	Preparatory studies for municipal environmental infrastructural development plans – storm water runoff systems (on at least 25 settlements in Hungary)
Revision of protecting zone of five significant surface water reservoirs. Surveying bed surface of lakes and water reservoirs. Hydrological investigation of the full catchment area of the Hasznos reservoir after extreme rain and flood events in 2005.	Environmental and social-economic impact assessment (reduction of nutrient discharges (<i>National park</i>))
Risk assessments of deposited and landfilled polluted riverbed sediment (Győr, Gönyű, Séd-Nádor csatorna) and industrial properties and military bases polluted by metals and hydrocarbons.	Strategy for the reduction of effects of climate change – development of storm water runoff system (Cl.: City of Zalaegerszeg)
Investigation and evaluation of water management of the Jabil Circuit Hungary Ltd. Exploration and planning the reuse of exhausted industrial water in a producing building at the Gödöllő factory of the GlaxoSmithKline.	Studies for the implementation of the Urban Wastewater Directives in Hungarian Major Cities (in 16 cities)
Baseline survey at the power station of Dunamenti Erőmű plc.	Expert availability of the "New Hungary Development Plan" (Client: National Development Agency)
Engineering assistance in industrial wastewater treatment Wuppermann Hungary Ltd.	Implementation of Water Directive in Hungary II. Public involvement (Client: General Water Directorate (HU))
Technical assistance (<i>Üröm-Csókavár Waste Landfill Remediation Project</i>)	Risk assessments of hydrocarbon polluted military bases and petrol stations (Cl.: Hungarian Army)

Contact

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