

22<sup>nd</sup> International Water Management Exhibition

**May 23–25, 2023** PVA EXPO PRAHA

Organizer and professional guarantee:  
Sovak CR – Water Supply and Sewerage  
Association of the Czech Republic



Organizer:



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#### Groundwater intake and protection

- 1.1 Deep well boring
- 1.2 Well cleaning and repairs
- 1.3 Well restoration
- 1.4 Hydrogeologic survey works
- 1.5 Groundwater sources protection
- 1.6 Groundwater sampling and monitoring
- 1.7 Groundwater sources rehabilitation and decontamination

#### Water treatment

- 2.1 Complex equipment for potable and service water purification
- 2.2 Technology and el. equipment for water purification plants
- 2.3 Chemicals for water purification plants
- 2.4 Compressors
- 2.5 Blowers

#### Wastewater treatment and utilization

- 3.1 Complex equipment for wastewater treatment plants
- 3.2 Technology and el. equipment for wastewater treatment plants
- 3.3 Sediment and solid residues management
- 3.4 Sediment de-watering and thickening
- 3.5. Sediment desiccation
- 3.6 Sediment burning
- 3.7. Sediment utilization
- 3.8. Gas production and its secondary use
- 3.9. Wastewater heat recuperation
- 3.10. Wastewater separation systems
- 3.11. Re-usage of treated wastewater
- 3.12 Wastewater treatment plants
- 3.13 Domestic wastewater treatment plants
- 3.14 Systems for decentralized wastewater solutions
- 3.16 Chemicals for wastewater treatment plants
- 3.17 Mechanical, physical and biochemical processes for wastewater treatment
- 3.18 Compressors
- 3.19 Blowers
- 3.20. Organic filters

#### Operation of water mains and sewer systems

- 4.1 Equipment for detection and localization of water network defects
- 4.2 Mobile water transportation containers (bags, etc.)
- 4.3 Water tanks for potable water transportation
- 4.4 Pipe cleaning
- 4.5 Sewer system cleaning and flushing trucks
- 4.6 Sealing and through bags for sewer systems
- 4.7 Other engineering for sewer network clearing

- 4.8 Piping devices (sawing machines, drilling machines, etc.)
- 4.9 Transportation and mechanization equipment for the water supply and sewer systems operation

#### Water piping, adapting pieces and fittings

- 5.1 Metal water piping
- 5.2 Glass-reinforced plastic (fibre glass) water piping
- 5.3 Plastic water piping
- 5.4 Other water piping
- 5.5 Plastic pipes and shaped pieces for potable water distribution lines
- 5.6 Closing and non-return valves
- 5.7 Relief, control and pressure-reducing valves
- 5.8 Slide valves
- 5.9 Dampers
- 5.10 Hydrants
- 5.11 Other pipes for water management sector
- 5.12 Devices for welding plastics

#### Sewage and drainage pipelines and fittings

- 6.1 Earthenware ducts
- 6.2 Metal conduits
- 6.3 Glass-reinforced plastic (fibre glass) conduits
- 6.4 Concrete tubes
- 6.5 Other sewage conduits
- 6.6 Pre-cast sewage conduit manholes
- 6.7 Fittings for sewage conduits
- 6.8 Covers
- 6.9 Structures and equipment for rainwater drainage
- 6.10. Plastic drainage pipelines
- 6.11. Plastic inspection and flushing manholes for drainage pipelines

#### Pumping equipment

- 7.1 Potable water pumps
- 7.2 Dosing (proportioning) pumps
- 7.3 Wastewater pumps
- 7.4 Sediment pumps
- 7.5 Water house pumping stations
- 7.6 Sewage pumping works

#### Measuring, regulation and control systems

- 8.1 Water and flow meters for cold water
- 8.2 Waste water flowmeters
- 8.3 Domestic water meters
- 8.4 Technological process control systems in water management sector
- 8.5 Technological process control systems in sewage sector
- 8.6 Process monitoring devices in water management sector

- 8.7 Process monitoring devices in sewage sector
- 8.8 Devices for remote inspection and control
- 8.9 Other control and regulation systems

#### **Geographic and other information systems**

- 9.1 Data collection and processing equipment
- 9.2 Programs for technological processes
- 9.3 Computer engineering in water management sector
- 9.4 Computer engineering for sewer systems
- 9.5 Geographic information system
- 9.6 Programs for economic administration

#### **Measuring, controlling and laboratory equipment**

- 10.1 Technical laboratory glassware
- 10.2 Technical ceramics
- 10.3 Laboratory, electronic and other balances
- 10.4 UV and IR radiometers
- 10.5 Colorimeters
- 10.6 Spectrophotometers
- 10.7 Distillation and extraction apparatuses
- 10.8 Chromatographs
- 10.9 Laboratory furnaces
- 10.10 Analytic systems
- 10.11. Measuring equipment
- 10.12. Operational and controlling technology

#### **Monitoring and assessment of water and sewer network conditions**

- 11.1 Methods of piping state surveying
- 11.2 Piping diagnostics

#### **Trenchless technologies**

- 12.1 Methods of water and sewer pipes repairs
- 12.2 Methods of water and sewer pipe rehabilitation
- 12.3 Pipe lining
- 12.4 Pipe inserts
- 12.5 Pipe replacement
- 12.6 Pipe driving
- 12.7 Other trenchless technologies

### **13 Equipment for trenchless technologies**

#### **Survey, design and consultancy work**

- 14.1 Designing for water management and sewage sector
- 14.2 Designing of complex equipment
- 14.3 Engineering-geological surveying
- 14.4 Hydrogeologic surveying
- 14.5 Cartographic documents
- 14.6 Consultancy for environmental protection
- 14.7 Financial services for water management and sewage sector
- 14.8 Consultancy in water management sector
- 14.9 Environmental audit
- 14.10 Investor-engineering activities connected with project preparation and implementation
- 14.11 Completion activities connected with project implementation

#### **Construction and supply chain**

- 15.1 Construction of water networks, incl. water treatment plants
- 15.2 Construction of sewer networks incl. wastewater treatment plants
- 15.3 Deliveries and erection of complex equipment for water management and sewage sector
- 15.4 Building machines for earthworks
- 15.5 Implementation of trenchless technologies
- 15.6 Building machines for trenchless technologies
- 15.7 Sale and import of equipment for water management and sewage sector
- 15.8 Machines and equipment for irrigation and draining
- 15.9 Shafts, special construction works and techniques
- 15.10 Commercial services for water management and sewage sector

#### **Water and wastewater treatment in industry**

- 16.1 Technological equipment for potable water treatment for the needs of industrial companies
- 16.2 Waste water treatment plants for industrial companies
- 16.3 Water and sewer pipe systems in industry

#### **Rainwater management**

- 17.1 Absorption systems
- 17.2 Retention systems with controlled discharge
- 17.3 Discharge regulators
- 17.4 Utility and rainwater collection
- 17.5 Rainwater pretreatment and treatment
- 17.6 Subsequent utilization of retained rainwater

#### **Flood prevention measures and water sources protection**

- 18.1 Disaster relief, prevention
- 18.2 Mobile flood help
- 18.3 Flood prevention
- 18.4 Water sources protection (rivers, lakes, water reservoirs, ground water)

#### **Noise reduction and noise insulation**

- 19.1 Silencing equipment

#### **Science and research**

- 20.1 Research institutes, universities
- 20.2 Specialized publishers, professional literature
- 20.3 Computer hardware and software

#### **Safety at work**

- 21.1 Equipment providing safety at work
- 17.2 Protective devices

### **22 Energy in water management sector**

### **23 Others (in water management)**