



WATER SECTOR- LOOK INTO THE FUTURE

This year's Exhibition on Water/Water Forum is being held for the first time at a new location, at the Belgrade Fair.

At the Forum, we will talk about necessary reforms in the Sector and opportunities for improving water services.

The conference will explore possibilities for capacity development as a vital part of the agenda, and how it can enhance and empower the water supply and sanitation services through international and regional cooperation.

We will present how digital technologies and artificial intelligence can influence the future of water. Are they a universal key that will improve the maintenance and development in the water sector? What are the experiences and possibilities? What is expected of us in the legislation on measurements of delivered water-water meters (MID Directive)? What implications does this have for the water supply company's management?

On the second day, we will dive into the circular economy models for transforming municipal wastewater. What are the perspectives of WWTP sludge management? How can this contribute to the preservation of water resources and the self-sustainability of services?

Traditionally, the Association of Waterworks and Sewerage of Serbia will hold its regular annual Assembly meeting at the Water Forum.

In this spirit, the third day of the Forum will again gather young experts in the organization of YWP IWA Serbia, section UTVSI, under the auspices of the World Water Association - IWA.

As particularly interesting, we also announce the commercial presentations of the fair exhibitors, who will present their products, technologies and latest achievements in the field of water supply and waste water collection and purification.

We are pleased to announce the fourteenth Exhibition on Water/Water Forum under a new roof and invite you to participate in the program.

BELGRADE WATER FORUM 2023

DECEMBER 7 – 9, 2023

Thursday, December, 7th

Conference room SFV

Currently in the Water Sector **10:30 – 12:30**

Moderator: *Nebojša Jakovljević – Waterworks and Sewerage Association of Serbia*

- Performance indicators of PUC providing water services in 2022 – Report for MCTI of Serbia, Need for regular monitoring and reporting; P. Bogdanović, UTVSI
- Reforms of the water sector in the Republic of Serbia- EU-supported project; MAFWE– Eptisa, Nenad Čolić
- Maintenance, repairs, and water losses – An overview of several PUCs in Serbia – UTVSI, Ninoslav Petrović
- State of water sector reform in the Republic of Croatia– Experience in the development of the national plan for reduction of water losses; WB, Stjepan Gabrić
- Discussion

Break **12:30 - 13:00**

Meeting of the Waterworks and Sewerage Association of Serbia- members only **13:00 - 14:30**

Break **14:30 – 15:30**

Regional Cooperation – RCDN+; GIZ **15:30 – 17:00**

Moderator: *Zorana Petrović, UTVSI*

Capacity development and advocacy- RCDN +

- Presentation of Program; Pavle Donev, Zvonko Naumoski, GIZ
- Directions and opportunities for professional development in the water sector – Z. Petrović
- Discussion

Break **17:00 – 17:15**

Regional Cooperation – WB; **17:15 – 18:00**

Utility of the Future – World Bank Group; Federico Perez Penalosa
Discussion

Friday, December, 8th

10:00 – 12:00 Perspectives for WWT Sludge Management
Moderator: Dr. Vladimir Pavićević, TMF Belgrade

Factors Affecting the Quality of Sludge, Dr. Vesna Pešić
Possibility for phosphorus recovery from sludge line at wastewater treatment plant: Technological aspects, Dr. Đurđa Kerkez
Recommendations for the use of sludge and treated wastewater for agricultural purposes, Dr. Anita Leovac Mačerak
Discussion

12:00 – 12:30 Break

12:30 – 14:00 Digitalisation and Artificial Intelligence
Moderators: N. Branisavljevic, FCE Belgrade and A.Sotic, HCGS Belgrade

Possibilities of using AI in the Water Sector;
Dr. Nemanja Branisavljević
The sociotechnical aspect of AI – responsibilities for reasoning and making decisions; Dr. Aleksandar Šotić
Use of LLM/AI in managing processes in the water sector;
Aleksandar Tanasković
GIS and Hub-based digitalisation– practical aspects;
Goran Jovanović
Advanced digital technologies in leak detection (AQU methods);
Nevena Veljković, JKP BVK

14:00 – 14:30 Break

14:30 – 15:30 Water meters - Novelties in legislation and regulations - MID Directive
Moderator: Predrag Bogdanović, UTVSI

New metrological regulations for water meters - MID Directive; -
Dr. Branislav Tanasić
Authorised laboratories and services – representatives of PUCs for water supply and sewerage

15:30 – 16:00 Break

16:00 – 17:30 A special presentation of exhibitors



Saturday, December, 9th

Presentation of papers published in the Journal Water and Sanitary Technique in 2023 **10:30 – 12:00**

Break **12:00 – 12:30**

Young Water Professionals IWA – YWP **12:30 – 15:00**
Moderators: *Dr. Aleksandra Tubić, FNSM Novi Sad,*
Dr. Aleksandar Djukić, FCE Belgrade and Dr. Aleksandar Šotić,
HCGS Belgrade

EXHIBITOR PRESENTATIONS

Thursday, December, 7th

Conference Room 1

STASTO Automatizacija d.o.o, Serbia **11:30 – 13:00**
Valves and Quick-Line pipelines for compressed air

John Crane / STASTO Automatizacija d.o.o.
Mechanical seals and sealing systems for pumps

Huber SE / STASTO Automatizacija d.o.o.
Equipment for the treatment of municipal and industrial water,
wastewater and sludge

Herz d.o.o, Serbia **13:10 – 13:40**
Presentation of modern solutions in sanitation water systems for
households and public buildings

Polietilenski sistemi d.o.o., Serbia / GF + Piping Systems Ltd, **13:50 – 14:20**
Switzerland
Intelligent pressure management in water networks using axial
flow pressure regulating valves

Regeneracija d.o.o., Bosnia and Herzegovina **14:30 – 15:30**
Presentation of technologies and production program of
Regeneracija Ltd. regarding the treatment of domestic
wastewater, stormwater and industrial water

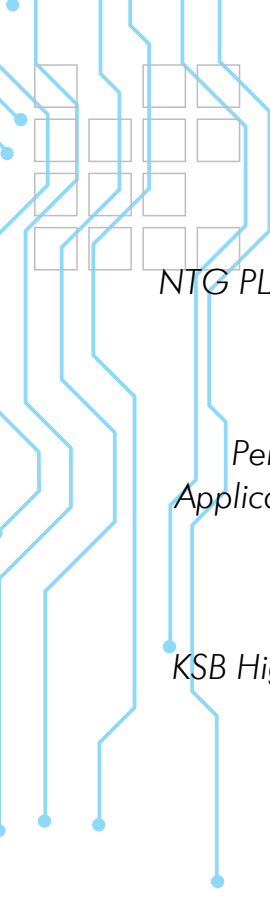
Conference Room 2

- 11:30 – 12:30** Meris d.o.o, Serbia
*Wastewater treatment plant Bačka Topola - ICEAS technology
Digital wireless platform for managing and monitoring the operation of Flygt pumps in sewage systems*
- 12:40 – 13:10** Mueller International Holdings Ltd, United Kingdom
Repair the past – Connect the future – Krausz couplings and repair solutions
- 13:20 – 13:50** Vodoplast promet d.o.o, Croatia
Vodoplast promet d.o.o. – water, sewage, waste containers
- 14:00 – 14:30** vonRoll Hydro Beograd, Serbia
Mission Zerowaterloss
- 14:40 – 15:10** Sismat Uluslararası Arıtma Makinaları A.Ş, Turkey
Choosing the proper screen type and selection criteria in water and wastewater treatment plants

Friday, December, 8 th

Conference Room 1

- 11:00 – 11:30** Grundfos Serbia d.o.o, Serbia
ATLANTIC series of wastewater pumps with innovative hydraulics and open S-tube impeller,
- Optimization of water distribution with the DEMAND DRIVEN DISTRIBUTION system,*
- UTILITY CONNECT Internet platform for remote control and monitoring of pumping systems,*
- Experiences in irrigation drainage and flood protection projects with KPL/KWM pumps,*
- Film Grundfos Serbia, projects in irrigation and drainage*



Minel Automatika d.o.o, (NTG PLASTIK), Serbia **11:40 – 12:10**
NTG PLASTIK produces only fittings. PE fittings in water supply and gas systems

Trgotehnika d.o.o, Serbia **12:20 – 12:50**
*Personalized solutions in the field of stormwater management
Application of software in dimensioning systems for drainage and temporary collection*

KSB Pumpe i armature d.o.o, Serbia **13:00 – 14:00**
KSB Highly efficient solutions in water supply and sewage systems

Pipelife Serbia d.o.o, Serbia **14:10 – 14:40**
From rain to drain

ASW Inženjering d.o.o, Serbia **14:50 – 15:20**
ASW:Utilities - Software system intended for calculation and billing of various types of utility services/ Applications of machine learning algorithms in water supply utilities

Purator Ekotehnika d.o.o, Serbia **15:30 – 16:00**
Eco-systems and contribution to sustainable construction

Conference Room 2

Rehau d.o.o, Serbia **11:00 – 11:30**
Challenges in modern sanitary water installations

ACO građevinski elementi d.o.o, Serbia **11:40 – 12:40**
*The development of trees and their crowns in order to lower the temperature of cities – ACO Green City, Sponge City
New ACO channels in building construction*

Peštan d.o.o, Serbia **12:50 – 13:20**
New products in the Pestan assortment

Hauraton GmbH & Co.KG, Germany **13:30 – 14:00**
Drainage of sports facilities

