



**BUDAPEST  
WATERWORKS**



Gold Standard for  
Utility Performance



# Worldwide Water Solutions

WE TAKE PART IN DEVELOPING THE WORLD



Design  
& Construction



Business  
Consulting



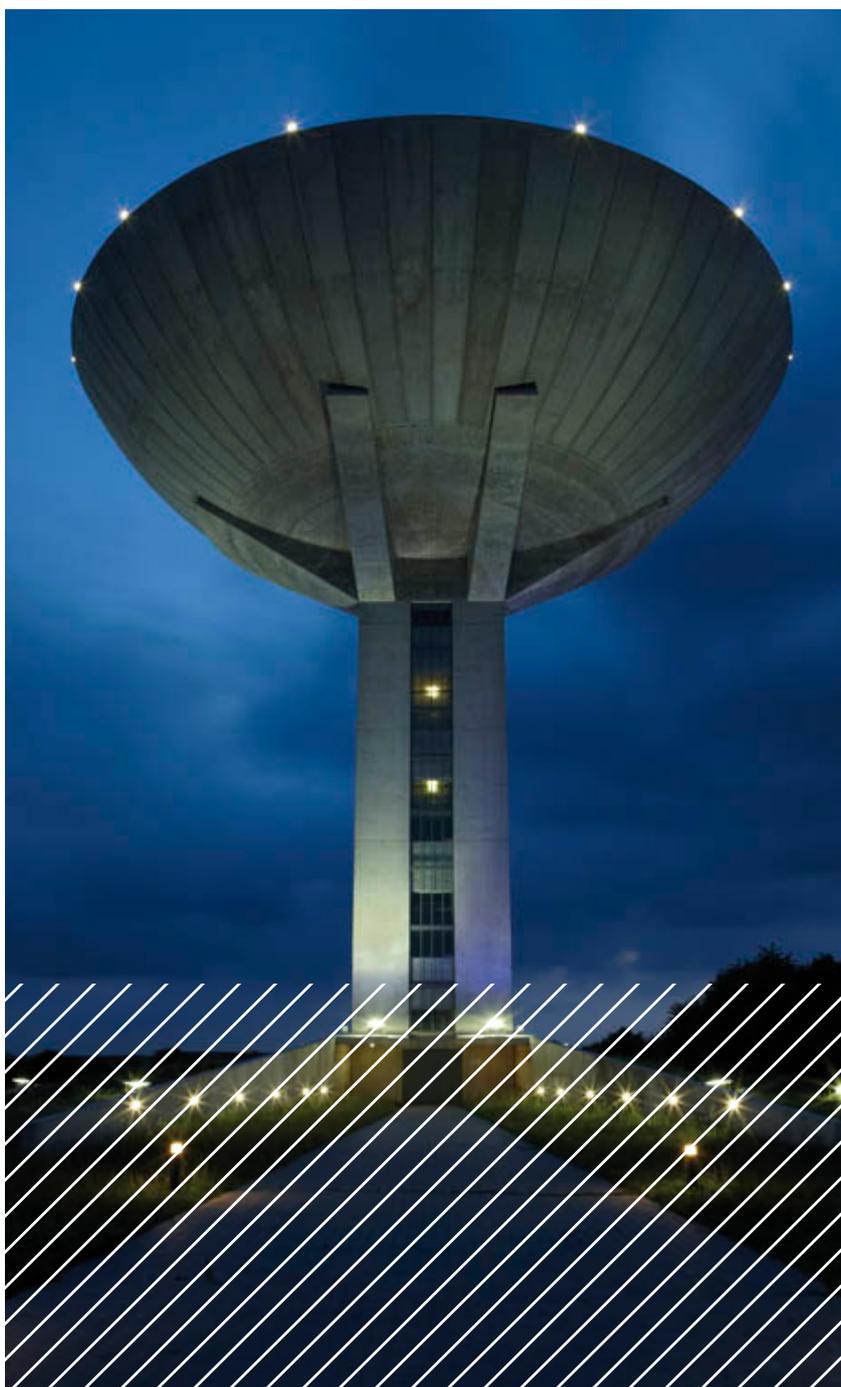
Engineering  
services



Operations and  
Maintenance

# About

**Budapest Waterworks, with its more than one-and-a-half-century history, is one of the leading water utility service providers in Central Eastern Europe. During the Company's long history tens of thousands of people have worked here and have created tremendous value.**



Our Company pays particular attention to conducting its operations using the most sophisticated technologies and devices.

During our history of over 155 years, we have built and commissioned several water towers, pump houses and wells. Our plants, once filled with the noise of steam machines, have been replaced by automated facilities as clean as laboratories.

- |   |   |
|---|---|
| 1868 – Foundation of the first water utility in Budapest  | 2008 – Construction of the first asymmetrical water tower in the world                  |
| 1904 – Building the ultimate waterworks supplying Pest  | 2012 – Repurchasing of shares from private investors                                    |
| 1911 – Construction of Margaret island water tower with the most innovative reinforced concrete structure | 2013 – Operations take-over of the largest wastewater treatment plant in Central Europe |
| 1945 – Continuous water supply during World War II in Budapest  | 2017 – Becoming member of the global network Leading Utilities of the World (LUOW)      |
| 1980 – Hungary’s largest water reservoir with 80 000 m <sup>3</sup> total capacity is built               | 2018 – Launch of the Energy Efficiency Programme  |
| 1997 – Privatisation, operation in a PPP (public-private partnership) model                               | 2019 – Launch of the Water 4.0 concept  |
| 2004 – Start of international activities  | 2022 – Awarded by the title of Leading Utilities of the World for another 5 years       |
| 2006 – Largest and most modern UV disinfection system in Central Europe                                   |   |

As a modern utility service provider that respects traditions, we feel obliged to exploit our specialist knowledge not only in Budapest but throughout the world.

Professional enquiries from various countries around the world indicate the desire of our partners to cooperate. Negotiations are underway in several European and Asian countries, and we have already signed consultation, technological development and prime contractor agreements.

It is of special value to the region’s decision makers that in the past thirty years Budapest Waterworks has already experienced the phases of the market, the technological, operational and economic development that the cities concerned have still yet to face.

Regional cooperation also helps us realise our shareholders objectives to increase revenues not directly from water sales, to create value as well as to acquire professional experience and expand our know-how.

→ **Drinking water:**

- 7 200 km water network
- 1 million m<sup>3</sup> daily capacity
- 756 wells
- 2 water treatment plants

→ **Clients & Headcount:**

- 2.4 million user equivalent
- 1 400 employees

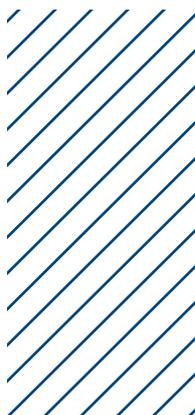
→ **Sewage**

- 840 km sewer network
- 91 million m<sup>3</sup>/year treatment
- 373 000 m<sup>3</sup> daily capacity
- 7 treatment plants

→ **Income (2024)**

- USD 164 million total revenue
- USD 108 million potable water
- USD 27 million wastewater
- USD 28 million export and other

**Key indicators**



# Our International Solutions



**Our philosophy is that the best solutions always come from those aligned with and tailored to the particular location.**

**In the course of our assignments, we select the technology most suitable for local circumstances at all times.**

# MORE THAN 150 YEARS OF PROFESSIONAL EXPERIENCE



**BUDAPEST  
WATERWORKS**

1868–2025



We aim to improve our partners' operations and security of supply.

We are ready to assist our clients upgrading their financial management, revenue collection as well as the number of satisfied customers through the most sophisticated technological and company management solutions.

## We have gained extensive experience in

- restructuring operations;
  - implementation, integration and development of state-of-the-art technologies;
  - transformation of financial, accounting systems;
  - efficiency improvement;
  - development of customer service processes;
- which we are ready to share with our partners so that they could respond to modern market expectations in the most efficient way.

# Key Competencies

Built on the experience and knowledge gathered while performing our core tasks, our solutions never lack an “operator’s edge”. Our clients can always expect more than receiving merely a technology.





## PLANNING, DESIGN AND CONSTRUCTION

Our Company surveys the requirements of the task and the partner's capability. Based on the collected information we plan and construct the technologically, operationally and commercially optimal waterworks facility or equipment.

### Water facilities

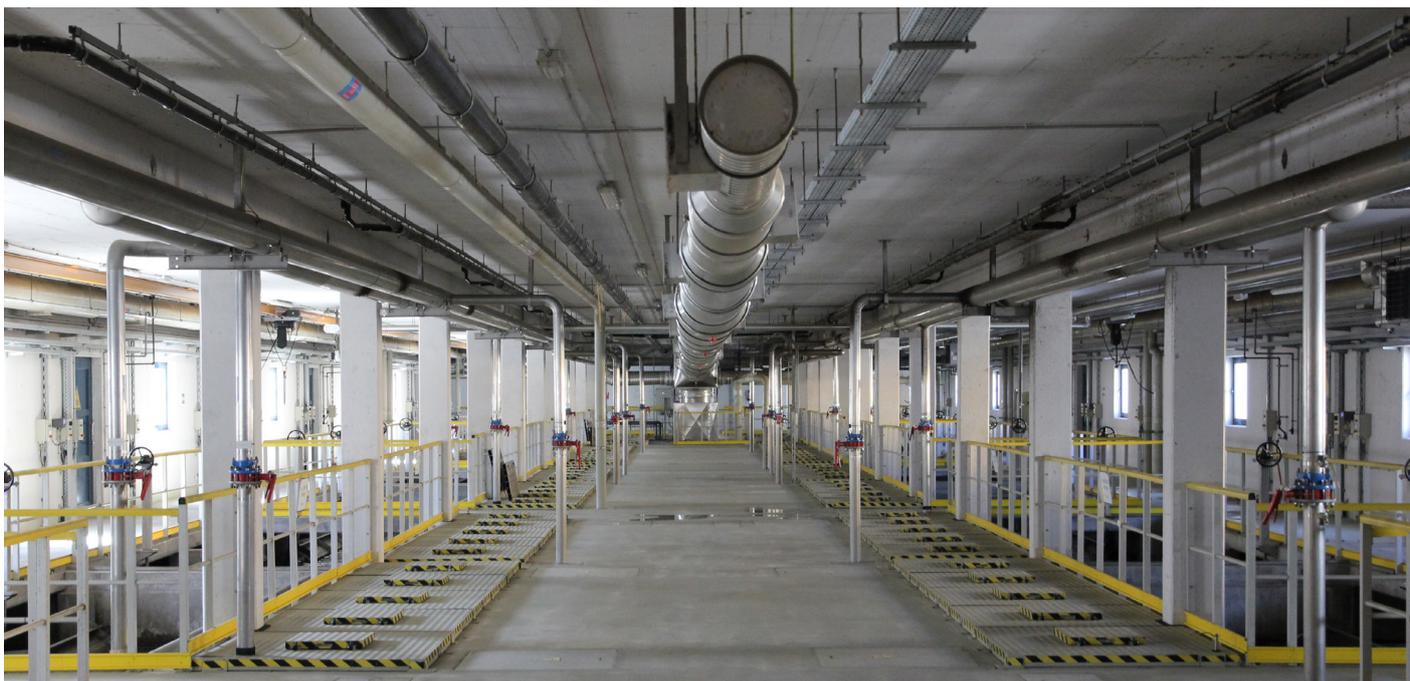
- Surface intake works
- Water treatment plants
- Reservoirs
- Water towers
- Industrial and communal water distribution networks (establishment, upgrading or downsizing)
- Reconstruction of utility pipes (open trench / trenchless – No-Dig)

- Shaft wells, horizontal wells drilled wells, monitoring wells
- Grouting of wells, drilling holes

### Sewage facilities

- Sewage treatment plants (industrial and communal)
- Sewage disposal networks

## OPERATION AND MAINTENANCE



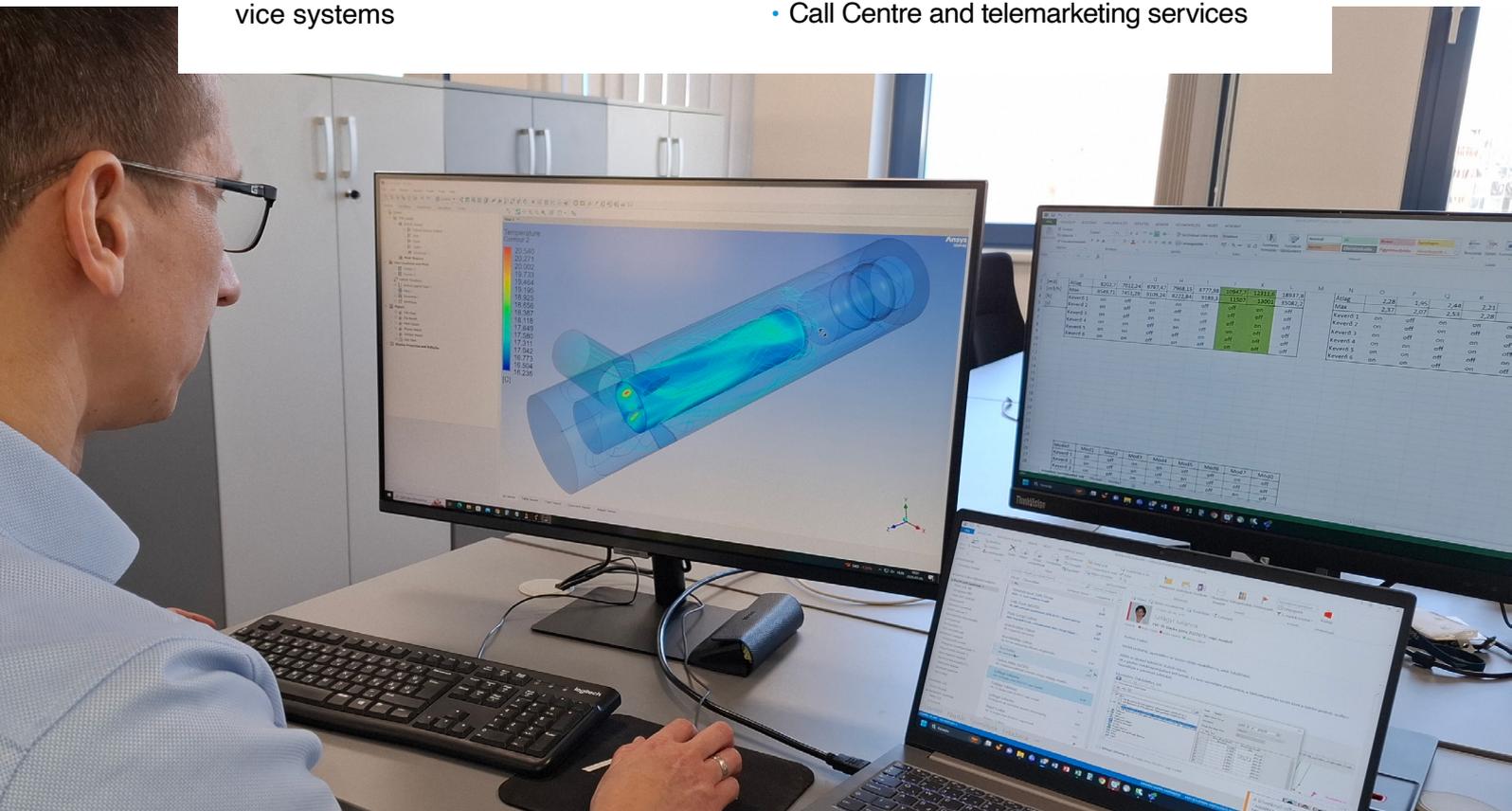
- Technical and economic audit, benchmark
- Reducing physical and commercial water loss
- Efficiency improvement



## BUSINESS CONSULTING

Budapest Waterworks has gone through a significant transformation over the last decades – from an urban drinking water provider we became a large regional company with international references. We are ready to share the wide range of experience gained during this process with our partners facing similar challenges.

- Corporate restructuring
- Development of water tariff policy
- Development of efficient customer service systems
- Project management
- Development of corporate strategies
- Optimizing organizational structure
- Call Centre and telemarketing services





## ENGINEERING SERVICES

Our Company has introduced, developed and applied a number of leading technologies during its day-to-day operation.

- Pressure management, DMAs
- Water metering strategy and water balance
- SCADA
- Hydraulic and CFD modelling
- Workforce management
- Reconstruction planning
- GIS
- Water quality control
- Energy efficient improvement



# Major References



## Albania

- Completed technical audit
  - Mid-term development programme
  - SCADA system design
- Client: Tirana Water Supply and Sewerage Utility (UKT)

## Azerbaijan

- Electronic workforce management system implementation
  - IT strategy, Implementation and quality assurance of an IT development (MISZ)
- Client: Azersu OJSC

## China

- Efficiency improving audit (water production, network operation, customer service activities and water quality)
- Client: Fengxian Waterworks, Shanghai

## Indonesia

- Water treatment units in 36 locations on Sumatra, Java and Sulawesi
- Client: Indonesian Ministry of Public Utilities and Housing

## Montenegro

- Energy audit
- Client: Podgorica Water and Sewerage Company

## North-Macedonia

- Energy audit
- Client: Skopje Water and Sewerage Company

## Pakistan

- Capacity development – WOP cooperation
- Client: UN-Habitat GWOPA (WASA Lahore, WSSC Mardan)

## Romania

- DMA district planning
- Client: Compania Aquaserv S.A.

## Serbia

- Capacity development
  - Energy audit
  - Financial and Operational Performance Improvement Programme
- Client: Subotica Waterworks, UN Habitat, GWOPA
- Client: Subotica Waterworks
- Client: Belgrade Water and Sewerage Company (BVK)

## South-East Europe

- Consulting services, capacity building and targeted interventions to achieve commercial efficiency
- Client: IAWD – World Bank

## Sri Lanka

- Reconstruction works and capacity enlargement of two water treatment plants in Labugama and Kalatuwawa
- Client: National Water Supply and Drainage Board (NWSDB)

## Turkey

- Fully automated, remote-controlled mobile water purification equipment for the Yayladagi refugee camp
- Client: Disaster and Emergency Management Authority of Turkey

# Sustainability

The diversity of our activities, and thus our intensive relationship with the natural environment, represents a high degree of responsibility for us.

Our operations are supported by modern, digitalized technologies that ensure long-term efficient and sustainable operation, thus ensuring full compliance with increasingly stringent legal and environmental requirements. In recent years, we have made great strides towards resilience thanks to measures aimed at energy efficiency and increasing the proportion of renewable energy use. Our Company is committed to maintaining and continuously improving an integrated management system that meets the requirements of ISO 14001, ISO 9001, ISO 22000 and ISO 50001 standards.





## **Budapest Waterworks**

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