



**SOÓS ERNŐ WATER TECHNOLOGY  
RESEARCH AND DEVELOPMENT  
CENTER NAGYKANIZSA**



*“Water, thou hast no taste, no color, no odor; canst not be defined, art relished while ever mysterious. Not necessary to life, but rather life itself, thou fillest us with a gratification that exceeds the delight of the senses.”*

*Antoine de Saint-Exupéry*

Soós Ernő Water Technology Research and Development Center was established in 2014 by University of Pannonia Faculty of Engineering, Nagykanizsa Municipality of County Rank and Hidrofilt Water Treatment Ltd.

The basic aim of the research center is to pursue its work on the basis of the multi-decade experience and results gained in Nagykanizsa in the field of water treatment and water purification.

The goal of the center is to perform international-level research activities in different areas of water purification and treatment. Beside fundamental research the research center plays an active role in the industrial development activities, putting a great emphasis on drinking water treatment, power plant and cooling tower water management, horticulture and irrigation water treatment, sea water desalination, pharmaceutical and infusion solutions water supply technologies and related control procedures, measurement technology area.

For the experiments laboratory and pilot scale equipments are available, such as MF, UF, NF, RO, EDI, different packed columns and ionexchange resins.



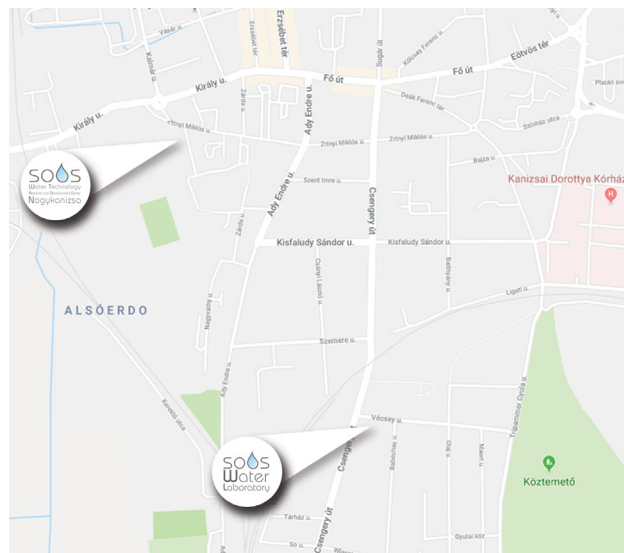
The areas utilizing the development results include:

- 💧 Treatment methods for drinking water;
- 💧 Process water treatment;
- 💧 Complex thermal water treatment;
- 💧 Purified Water, Highly Purified Water and pre-treatment of WFI (Water for Injection) for pharmaceutical industry;
- 💧 Water treatment for horticulture and irrigation;
- 💧 Wastewater treatment in industries i.e. produced water treatment in oil and gas industry;
- 💧 Grey-water recycling;
- 💧 Seawater and brackish water desalination;
- 💧 Water treatment for swimming pools;
- 💧 Microcontaminants in surface waters.



**UNIVERSITY  
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GPS coordinate: 46.453845, 16.985879



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Water Technology  
Research and Development Center  
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