

## **“CROSS-BORDER NETWORK FOR KNOWLEDGE TRANSFER AND INNOVATIVE DEVELOPMENT IN WASTEWATER TREATMENT”**

### **WATERFRIEND - HUSRB/1203/2.1.1**

Faculty of Technology, University of Novi Sad, Serbia, and  
Faculty of Engineering, University of Szeged, Hungary

It is obvious the degradation of the environment due to the low level of protection. There is a need to prevent further environmental pollution by, among other, treatment of wastewater, in order to achieve emission limit values and environmental quality standards. Accordingly it is necessary to build number of treatment plants both for urban and industrial wastewaters, and hire number of young professionals at them.

The modern education of students, the further professionals, is vitally important for the implementation of these goals. The creation of knowledge transfer between the two cross-border, engineering faculties would lead to spread knowledge through the students about wastewater treatment and water protection.

The main objectives of this project are:

- Improvement of educational system and knowledge transfer in the field of wastewater treatment;
- Training of employees to use aerob- and anaerob bioreactor equipment and establish practical lessons for students;
- Providing mutual student cooperation.
  
- Facilitating experience and know-how transfer from Hungarian to Serbian partners, through trainings and direct participation;
- Strengthening cooperation of education staff working in the field of wastewater treatment and environmental protection which leads to propose new joint projects;
- Promoting good neighborly relations and professional cooperation;
- On a longer-term scale, the objectives include reduction of natural water pollution and healthier life of the inhabitants of cross-border regions and wider.

The benefits of the project are comprehensive for the experts and specialists, as well as students, on both sides of the border, who will cooperate and share experience in the course of the project and establish longer-term professional ties for future work together.



The project is co-financed by the  
European Union

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The EU and National Authorities financed project – WATERFRIEND – was started on 1<sup>st</sup> of March 2013. The official Opening Ceremony was organized on 16<sup>th</sup> of April 2013. The Opening Ceremony was completed by an accompanying event a Scientific and Saluting Conference.

The Hungarian members of the WATERFRIEND project belong to the environmental research team which was established 10 years ago; one of the founders, Professor Gábor Keszthelyi-Szabó, celebrated the 60<sup>th</sup> birthday in 2013; and the scientific cooperation between the University of Novi Sad, Faculty of Technology and University of Szeged Faculty of Engineering (its predecessor: College Faculty of Food Engineering) started 15 year ago. These anniversaries make us to organize the Scientific and Saluting Conference.

The most important papers, speeches and greetings of the Conference are presented here to present the scientific importance of the partners and to prove the live and long proven track record cooperation with HUSR – WATERFRIEND partners.



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