

**Re-Water “Eco-technologies for the wastewater management”**<https://www.interreg-rewater.eu/>**WORKSHOP**

The University of Patras has completed successfully a two-day workshop on 24<sup>th</sup> and 25<sup>th</sup> February 2020. The first day the workshop took place at the Chemical Engineering Department, University of Patras, at the Library A.C. Payatakes. The day started with the greetings from the President of Municipal Enterprise of Water Supply & Sewage of Patras, Mr. A. Papanikitas; the Vice Mayor of Municipality of Patras Prof. N. Aspragathos and the Vice Rector for Students Care and Infrastructures, Energy and Sustainability, University of Patras, Prof. G. Angelopoulos. Lectures have been given by Prof. C.A. Paraskeva from Chemical Engineering Dep., Dr V. Sygouni from Chemical Engineering Dep., Prof. M. Leotsinides from Medical School of University of Patras, Mr S. Kyritsis from the Research Team of Sustainable Waste Management Technologies Laboratory at Hellenic Open University, Mrs. K. Tsigkou, Ph.D. candidate and Dr. E. Koutra, both from the Laboratory of Biochemical Engineering and Environmental Technology (LBEET) at Department of Chemical Engineering. Finally, Dr. M. Sklivaniotis, Chemical Engineer, former Head of the Quality and Water and Wastewater Treatment departments at DEYAP gave a lecture concerning the current proposal for the regulation of the European Parliament and of the council on minimum requirements for water use.

The 2<sup>nd</sup> day of the workshop took place at the sewage treatment plant of Patras with the participation of representatives from the Municipality of Patras and from the Municipal Enterprise of Water Supply and Sewerage of Patras as well as many students from University of Patras. All participants watched a film concerning water, water treatment, water re-use and the wastewater treatment plant of Patras. Mrs. Konstantina Tyropani, responsible for the wastewater treatment plant of Patras, guided the participants at the wastewater treatment plant facilities. Dr. Zagklis from the team of University of Patras presented to the participants the pilot plant (Ultrafiltration Pilot Plant Unit) that was installed for the tertiary treatment of the effluents derived after the secondary treatment of sewages. The day ended with discussions concerning the wastewater treatment and reuse.

**PRESS RELEASE OF THE MAYOR OF PATRAS Mr. KOSTAS PELETIDIS**

A press release was given to media of Western Greece from the Mayor of Patras Mr. Kostas Peletidis for the installation of the Pilot Plant Membrane system at the Sewage treatment Plant of Patras. Mr. Kostas Peletidis and the Vice Mayor of Municipality of Patras Prof. N. Aspragathos noted the importance of REWATER's outputs for the Municipality of Patras and the Region of Western Greece. The President of Municipal Enterprise of Water Supply & Sewerage of Patras noted the importance of the re-use of treated wastewater for urban uses. Professor Christakis Paraskeva noticed the good cooperation of the Laboratory of Transport Phenomena and Physicochemical Hydrodynamics of Chemical Engineering Department, University of Patras, with the Municipality of Patras and the Municipal Enterprise of Water Supply & Sewerage of Patras during the project's actions and gave a summary concerning the physicochemical characteristics of the treated water and ideas for the re-use of the treated water.

**RE-WATER'S PROGRESS**

During this period, parametric and testing analyses are realized for the characterization of the treated wastewater from the pilot membrane system and the re-use of treated water is planned and designed for the next months.

**FINAL EVENT**

A final event is under preparation from Municipality of Patras that will take place on 16<sup>th</sup> and 17<sup>th</sup> September 2020. The event will include a Workshop Morning Session, a Partners Meeting afternoon and a Field Visit. More details concerning the schedule of the event will be announced soon.