









RE-WATER PROJECT

ECO TECHNOLOGIES FOR THE WASTEWATER MANAGEMENT

Dr. Varvara Sygouni

Laboratory of Transport Phenomena and Physicochemical Hydrodynamics Chemical Engineering Department University of Patras









PARTNERSHIP

- Aquedotto Pugliese S.P.A. Lead Beneficiary
- Polytechnic University of Bari
- Municipality of Gallipoli
- •University of Patras
- Municipality of Patras

ASSOCIATED PARTNERS

- Municipal Enterprise of water supply and sewerage of Patras
- Apulia Region- Water Resources Section









OBJECTIVES

Fishing and tourism are important sources of income for the inhabitants of the Ionian and Adriatic coasts: the pollution of the marine ecosystem could undermine the standard of living of these communities, both in social, economic and environmental terms. The main expectation of RE-WATER is to improve the know-how for preventing marine pollution, as well as to sensitize citizens and policymakers about the reuse of wastewater for new purposes.

- Introduction of eco-technologies and processes in the management of wastewaters.
- Prevention of marine water pollution through the installation of innovative technology in wastewater treatment plants
- Improvement of the management and further reuse of urban wastewater









WORK PACKAGES (1)

WP1 - Management costs:

- Project proposal planning
- Technical coordination (PSC, PMB, Kick off, project management)
- Administrative and financial management)
- Monitoring and evaluation

WP2 - Information and Publicity

- Communication Plan (design and management of communication tasks, including project corporate image and visual identity)
- Planning and printing of project tools: graphic elements and templates, folders, stickers, information signs, leaflets, gadgets, final booklet, video documentary
- Planning and development of project website, web newsletter and social media platform) or updating info on the partners' web portals, press office
- Organization of events: organization 1 final conference









WORK PACKAGES (2)

WP3- Survey and Planning

- Editing of 2 feasibility studies inked to the chosen technologies in the wastewater plants in Patras and Gallipoli
- Management plan to support the use of clarified wastewater in accordance with the testing proposals implementing water
- Organizing 4 workshop for citizens; 1 workshop for partners; 3 workshops for PA in new technology implemented to reduce environmental impact on the future use of the treated water

WP4-Pilot actions

- Pilot action for the application of technological innovation on the existing wastewater treatment plants of Municipality of Gallipoli and Patras: executive planning, construction works and manufacturing testing on implemented part of the wastewater treatment plants
- Pilot action for implementation of 2 testing phases on the recycled water: use for aquifer recharge; for agricultural and civil use (e.g. washing streets, watering the green public, etc.): executive planning, manufacturing testing on implemented part of the manufacturing of two wastewater treatment plants









WORK PACKAGES (3)

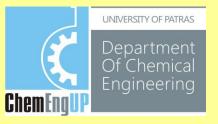
WP5 - Innovative Testing phase and monitoring of results

- Monitoring of the results of implemented pilot projects, focused on environmental, social and economic impacts
- Editing of final evaluation guidelines for the cross border sustainable wastewater management

















RE-WATER

Eco technologies for the waste water management

 NAME BENEFICIARY 	35	UNIVERSITY OF PATRAS
- INAIVIE DENEFICIARI	77	ONIVERSITION FAIRAS

PRIORITY AXIS
 2. INTEGRATED ENVIRONMENTAL MANAGEMENT

• E.R.D.F. CONTRIBUTION » €. **765.020,33**

NATIONAL CONTRIBUTION

 ™ €. 135.003,59

B. Nr.	Beneficiary title	Country	Budget
LB (PB1)	Aquedotto Pugliese S.p.A.	Italy	272.015,00 €
PB2	Polytechnic University of Bari	Italy	93.894,00 €
PB3	Municipality of Gallipoli	Italy	130.760,00 €
PB4	University of Patras	Greece	154.948,39 €
PB5	Municipal enterprise for planning & Development of Patras S.A.	Greece	248.406,53 €

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PROJECT MANAGEMENT & DISSEMINATION IN BRIEF (1)

- •4 Meetings have been organized (1 Kick off in Bari, 1 in Patras, 2 were organized in Bari by Polytechnic university of Bari & Aquedotto Pugliese)
- Logotypes- Project Flyers- Communication Plan
- 4 newsletters have been released
- Participation in Patras IQ-2019
- •Re-Water Project e-poster awarded with the first prize on 5th distance education e-learning International Summer School and Workshop on "Wastewater and Biosolids Management" (WWSS19), which was held in Patras, Greece, July 22 27, 2019.
- •Simone Pizzileo, student at Polytechnic of Bari, was awarded for his dissertation entitled "Dimensioning of the UV/H2O2 treatment of the effluents of the STP in Gallipoli".









PROJECT MANAGEMENT & DISSEMINATION IN BRIEF (2)

- interreg-rewater.eu/
- 3 languages: GR, IT, ENG





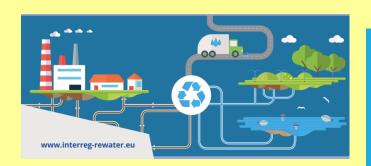






PROJECT MANAGEMENT & DISSEMINATION IN BRIEF (3)

- Workshops (2 in Bari- 1 in Patras)
- Dissemination Material (gadgets etc.)
- Project dissemination e-mails at TOVIMA UPatras, Institute of Chemical Engineering Foundation for Research & Technology (FORTH/ICE-HT), Peloponissos Journal, www.dete.gr, facebook etc.
- •The close cooperation of University of Patras with Municipality of Patras and the Municipal Enterprise of water supply and sewerage of Patras is very important













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THANK YOU FOR YOUR ATTENTION