



**Interreg  
Greece-Italy**  
European Regional Development Fund



# RE-WATER PROJECT

## ECO TECHNOLOGIES FOR THE WASTEWATER MANAGEMENT

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# 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 » **UNIVERSITY OF PATRAS**
- PRIORITY AXIS » **2. INTEGRATED ENVIRONMENTAL MANAGEMENT**
- PROJECT BUDGET » **€. 900.023,92**
- E.R.D.F. CONTRIBUTION » **€. 765.020,33**
- NATIONAL CONTRIBUTION » **€. 135.003,59**

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

# 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/H<sub>2</sub>O<sub>2</sub> treatment of the effluents of the STP in Gallipoli".



# PROJECT MANAGEMENT & DISSEMINATION IN BRIEF (2)

- [interreg-rewater.eu/](http://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](http://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