

WATERVILL

Sustainable Water Management in Rural and Mountain Areas

Interreg
Euro-MED



Co-funded by
the European Union

INTRODUCTION

WATERVILL addresses one of the Mediterranean's most urgent challenges – **water scarcity in rural mountainous areas**, where outdated and climate-vulnerable small water supply systems lead to shortages, poor water quality, and unreliable services



Climate change, seasonal variability, and limited infrastructure further intensify water scarcity in rural mountainous areas, threatening agricultural productivity and ecosystem stability.



WATERVILL

Project duration: 45 months

Total budget: €3 687 000

EU co-financing: €2 950 000

OBJECTIVES & APPROACH

The main objective of the WATERVILL project is **to develop and implement integrated water management strategies** in rural and mountainous areas.

To achieve this, the project focuses on:

- Optimise and modernise rural water supply systems
- Reduce water losses and improve water quality
- Produce smart tools to detect leaks and monitor water use
- Strengthen cooperation between local communities and neighbouring regions
- Promote nature-based solutions to safeguard water resources

These objectives are achieved through a strong transnational partnership that brings together municipalities, academic institutions, and sectoral organisations.

PROJECT PARTNERS

Municipality of Žabljak – Municipality of Teslić – Association of Municipalities and Cities of the Republic of Srpska – Bulgarian Water Association – Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb – Network of Associations of Local Authorities of South-East Europe – Department of Electrical and Computer Engineering, University of Western Macedonia – Municipality of Ilirska Bistrica – Association of Municipalities and Town of Slovenia – Institute of Water and Environmental Engineering, Polytechnic University of Valencia

ASSOCIATED PARTNERS: Union of Municipalities of Montenegro – International Association of Water Service Companies in the Danube region

RESULTS & IMPACT

The expected results of the WATERVILL project include:

- 1. Reducing water loss**
- 2. Improving distribution**
- 3. Enhanced resilience to climate variability**
- 4. Better integration of local**



The project contributes to:

- **sustainable rural development**
- **environmental protection**
- **policy innovation in water management**

All of the outcomes support the broader European transition towards a circular and sustainable bioeconomy.