

ABOUT NATMED

NATMed is an EU-funded project through the PRIMA Program aiming to develop, apply and validate a set of NbS integrated into existing grey and natural water infrastructures and based on specific phases of the water cycle, in order to optimize water-related and water-dependent ecosystem services.

Duration: April 2023 - March 2026



14
partners



5
countries



3
years



4.4M
euros



www.natmed-project.eu



PROJECT PARTNERS



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NATMed

Nature-based Solutions on existing infrastructures for resilient Water Management in the Mediterranean



CHALLENGE

Water is extremely scarce across the Mediterranean Region.

Supply of natural water no longer meets the growing demand.

Climate change affects freshwater resources and intensifies seasonal variability.

ADDRESSING THE CHALLENGE

Natural ecosystems play a fundamental role in regulating different features of the water cycle, providing Ecosystem Services (ES) to regulate, clean and supply water.

Maintaining healthy ecosystems has a direct effect on improving water availability.

Nature-based solutions (NbS) can be used to restore these ecosystems and provide water-related and water-dependent ESs.

Integrating NbS in grey infrastructures can complement and potentially enhance the benefits of such infrastructure, reducing costs and improving its climate resilience and system performance.

OBJECTIVE

Develop, implement and validate a set of Nature-based Solutions (NbS), combined into Full Water-Cycle-NbS, integrated into existing grey or natural water infrastructures and based on specific phases of the water cycle in order to optimize the provision of water-related ES (quality, quantity) & water-dependent ES (social, economic, environmental aspects).

The aim is to make resilient societies, empower local communities, create green jobs, enhance local economic growth and provide integrated water management plans in accordance to the specific summer/winter water cycle challenges of the Mediterranean area, all this taking into account a gender perspective.

CASE STUDIES

NATMed will demonstrate the effect of different FWC-NbS on five Case Studies:



Carrión de los Céspedes Living Lab, Spain
Lake system Chimaditida; Greece
Arborea farming district, Italy
Bozcaada island, Turkey
Oued Righ channel, Algeria

STRATEGIES

NATMed will work on innovative NbS approaches through:

1. Co-design and implementation of Full Water Cycle-NbS
2. Evaluation and design based on IUCN Global Standard
3. Mediterranean Community of Practice
4. Production of decision-making assets
5. Training activities

