

CfP Section 1 2022

Management of Water

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PRIMA
PARTNERSHIP FOR RESEARCH AND INNOVATION
IN THE MEDITERRANEAN AREA



PRIMA is supported under
Horizon 2020, the European Union's
Framework Programme
for Research and Innovation

Water management topic – Section 1



Topic 1.1.1 IA



Sustainable and integrated management of natural and artificial water storage systems and distribution infrastructure

Topic
Water
management

S1



Submission deadline Stage 1: 15/03/2022

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Challenge

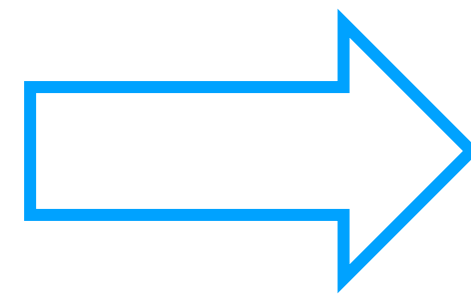
Mediterranean Region characterized by **water scarcity**, exacerbated by effects of **climate change**:

- **mismatch** between water sources and demand
- **overexploitation** of water resources

Sustainable water management is a priority!



CALL
FOCUS



Improvement of the management and operation of:

- natural (through Nature-Based Solutions) and artificial **water storage**
- and **distribution systems** within the agricultural sector (exp. water misuse/losses at the micro- and macro-level)

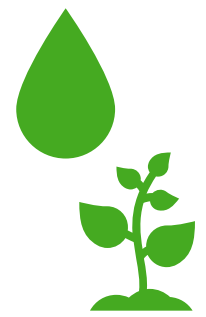


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Scope

*Proposals to **identify representative demo areas** to improve water storage and distribution systems' capacity & efficiency/ address related challenges, by focusing on...*



soil-water conservation practices and innovative technologies and solutions (**incl. nature-based**)
(consider **climate change**)



efficient functioning of dams and reservoirs, considering the entire water cycle (winter/summer) and the proper soil and water conservation upstream of the water storage resources

governance aspects to deal with issues linked to multi-functionality in **water use and distribution** and **water network efficiency** within the agri sector



valorisation of natural wetlands capacity to **store and purify water**, finding optimum equilibrium between ecological water flow and storage and water use



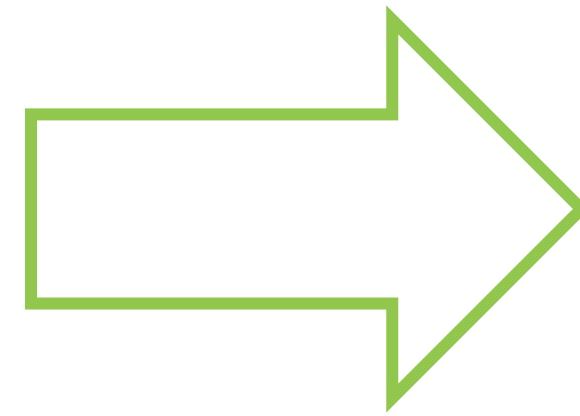
+ develop environmental / cost-benefit indicators to assess of proposed measures

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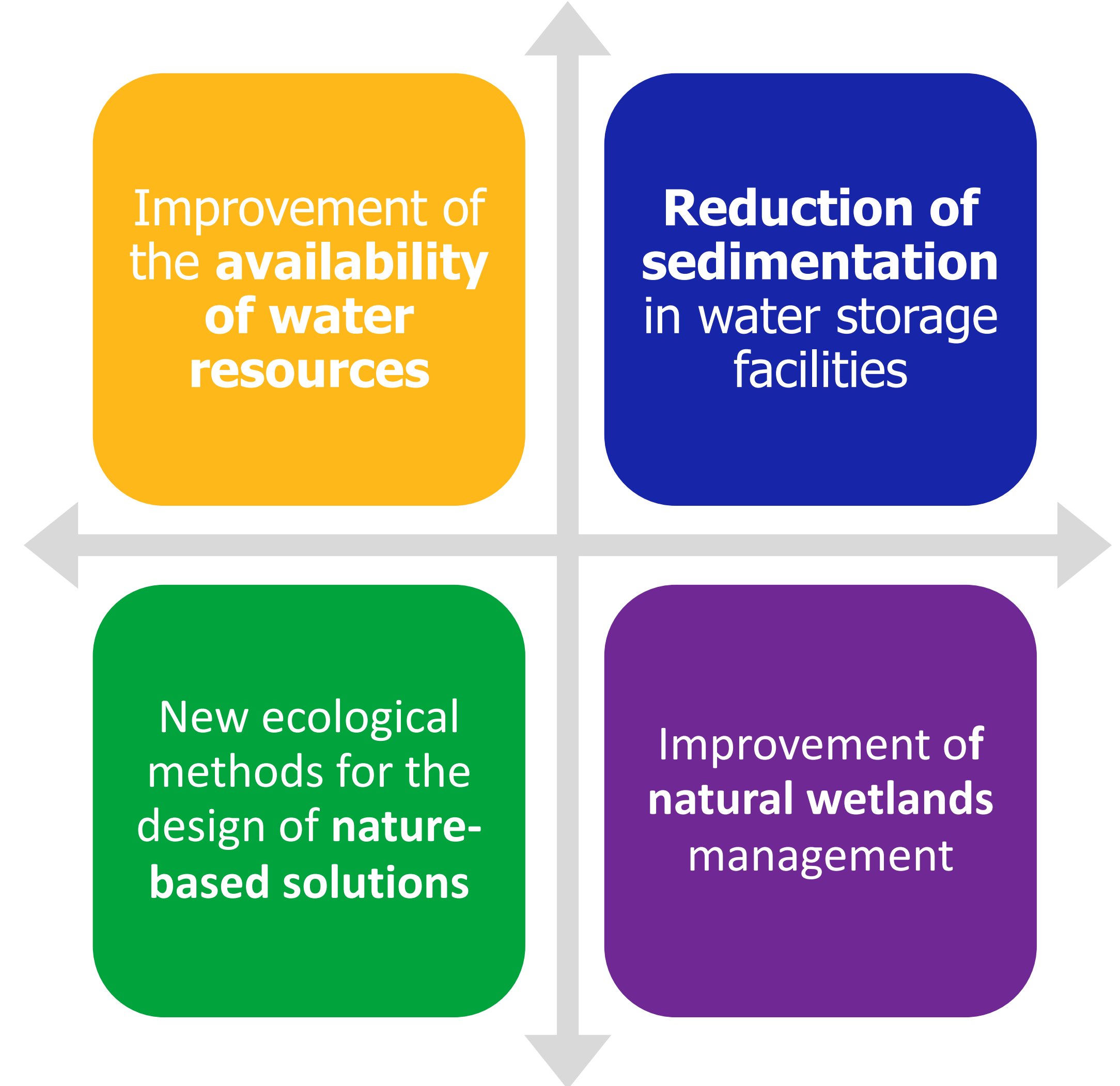


Expected Impacts

- optimisation of natural and artificial water storage systems and water distribution infrastructure;
- promotion of soil and water conservation practices;
- natural wetlands valorisation actions...



Cabo de Gata salinas – Photo credits:
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Key Performance Indicators

- Number of demonstrators
- New practices for end-users
- Degree of integrated water resources management implementation (0-100)
(SDG INDICATOR 6.5.1)
- Change in the extent of water-related ecosystems over time
(SDG INDICATOR 6.6.1)

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Links with SDGs



...and other
SDGs....

- **TARGET 6.4** By 2030 substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity
- **TARGET 6.5** By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate
- **TARGET 6.6** By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes

Thank you

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The PRIMA programme is an Art. 185 initiative supported and founded under Horizon 2020, the European Union's Framework Programme for Research and Innovation



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