

# OMeGA - Water Reservoirs Management Optimization

## OMeGA - OtiMização da Gestão de Albufeiras

PORTUGAL - SORRAIA

**Starting date - expected end date** | 01.01.2018 - 01.01.2021

<http://www.maretec.org/>

### Operational Group

The OMeGA project aims to develop an innovative operational tool that will provide users with information on water quantity and quality in reservoirs, meteorological forecasts, inflows and water consumption, volumes needed for ecological flows maintenance as well as recommendations to support managers on decision-making.

The project intends to make an important contribution to the management of reservoirs in irrigation perimeters, helping to better deal with a resource that is increasingly scarce.

This tool may become crucial at a time when volumes stored in hydro-reservoirs are reduced as a result of the drought periods that have occurred.



**Lead partner:** MARETEC - IST (Research Centre - University)

### Other partners

- ▶ Bernardo G. Ferreira/ Soc. Agrícola Bico Vela II (farmer)
- ▶ ARBVS – Irrigation Farmers Association
- ▶ FENAREG – National Irrigation Association
- ▶ AQUALOGUS, Lda.
- ▶ Bentley Systems



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