



# Water Accounting in a Multi-Catchment District (WAMCD)



## Goal

The main goal is the development of **water balances** for the Andalusian Mediterranean Basins [AMB] RBD **and its integration in the RBMP 2015.**

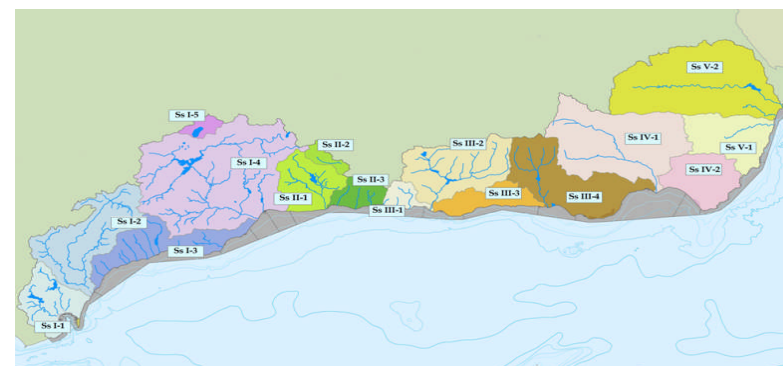
## Basin

The Andalusian Mediterranean Basins (ES060) has the following key features:

- 16 Exploitation systems
- 32 overexploited GWBs
- Objectives RBMP-2009: 78% SWB and 61% GWB achieve good status in 2015



NS: NotStarted	212
OG: OnGoing	60
C: Completed	15
TOTAL	287



## Project steps

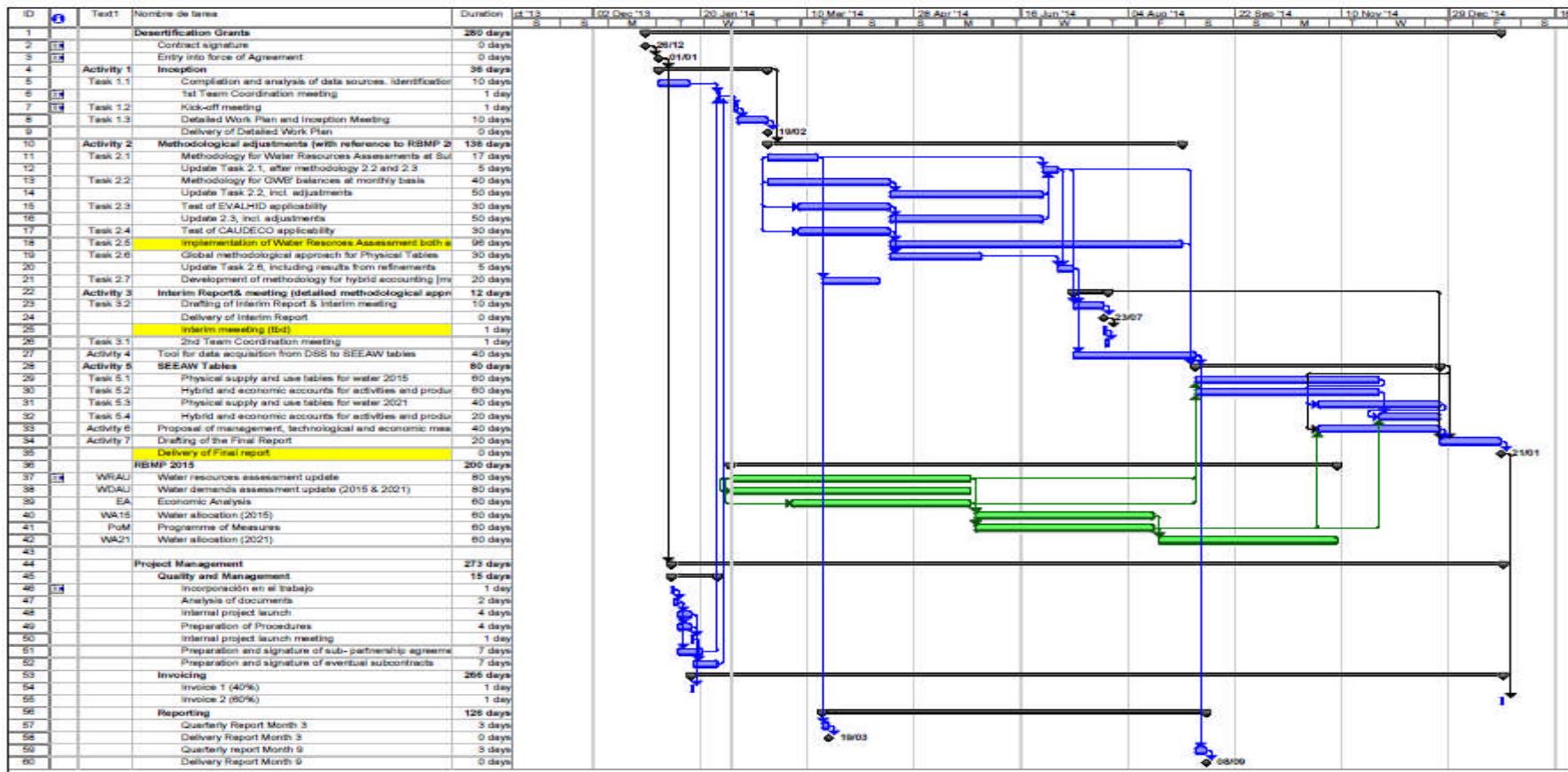
- **1.1 reviews data sources and methodology.** Output: updated information for decision-making
- **2 defines methodologies for WRA (2.1 to 2.4), develops WRA (2.5) and defines which SEEAW tables will be developed.** Output: Methodology and WRA.
- **4 develops a tool for data acquisition** (from Aquatool DSS). Output: tool.
- **5 develops SEEAW tables for 2015 and 2021.** Output: SEEAW tables.
- **6 re-assesses RBMP-PoM-2009 and develops scenarios.** Output: List of (commented) **measures and evaluation of their impacts.**

## Key challenges

1. Complex accounting due to **different water sources** (incl. desalinization, inter-basin districts transfer), plus multiple water uses, as well as water re-use between users (re-use and markets).
2. Detailed accounting due to **different river basins**, with different natural and socio-economic features.
3. Integration of water resources assessments and **GWB balances** in a great variety of physic, climatic and hydrological catchments.
4. **Testing of AQUATOOL DSS related modules** (EVALHID, CAUDECO) currently at the development stage.
5. Development of a **specific data transfer tool** from AQUATOOL to SEEAW tables.
6. Assessing the **effects of proposed measures** in the water accounts.

## Timing

Grant agreement: 1/1/2014 + 13 months = 31/1/2015





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Thank you!

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