METHODS

Display material

In the frame of:

Horizon2020
European Union Funding
for Research & Innovation

CLINT
CLIMATE INTELLIGENCE

1. Preliminary work to interviews: exhaustive documentation of the region

- Examination of the **River Basin District Plan**
- Examination of **Drought Management Plan**
- Study of available **aggregated data**
    - Crop type distribution
    - Type of irrigation system
    - Economic data
    - Evolution of water use and crop land
- Reading the **relevant literature** on the region on the topic and in other regions with similar features
- Reading **local media** on controversial issues, including water scarcity, e-flows, irrigator requests.

2. Semi-structured interviews: example questions

1. On the decision-making process for water management under average situations:

- Decisions and actions to be taken, timing (key dates for decision making), management bodies where decisions are made.
- Models, CS, DDS currently in use to provide information and support decisions.
- Relevant information (reservoir levels, water demands, precipitation, temperature, snow reserves, whether the year will be dry/wet, SPI, etc.)
- Main actors in the system that actively participate in the definition of demands and/or in the decision making on water allocation.
- Present and future challenges. Main sources of conflicts and negotiations. Agreements and trade-offs
- Potential improvements

2. On droughts:

- Types of drought, definition, perception.
- How the decision making process changes during drought. Additional decisions, timing, management bodies, etc.
- Drought impacts
- Relevant drought measures for prevention, mitigation, response and recovery.

2. Semi-structured interviews: example questions

3. On forecast:

- Do you consult/integrate any sort of forecast into decision-making?
- Characteristics of the desired forecast: temporal and spatial resolution, variables of interest way of communication forecast and skill.
- Forecast probability threshold to trigger actions.

4. On Climate Change:

- Do you consider CC as a cause of current droughts or as something that will affect in the future?