



Catalan Water Agency

ACA is the public company of the Government of Catalonia responsible for planning and managing the complete water cycle.

FLOODS

Catalonia is hidrologically divided in two basins:
inner basins of Catalonia, managed by the Catalan Water Agency (ACA), and the Ebro catalan basins.

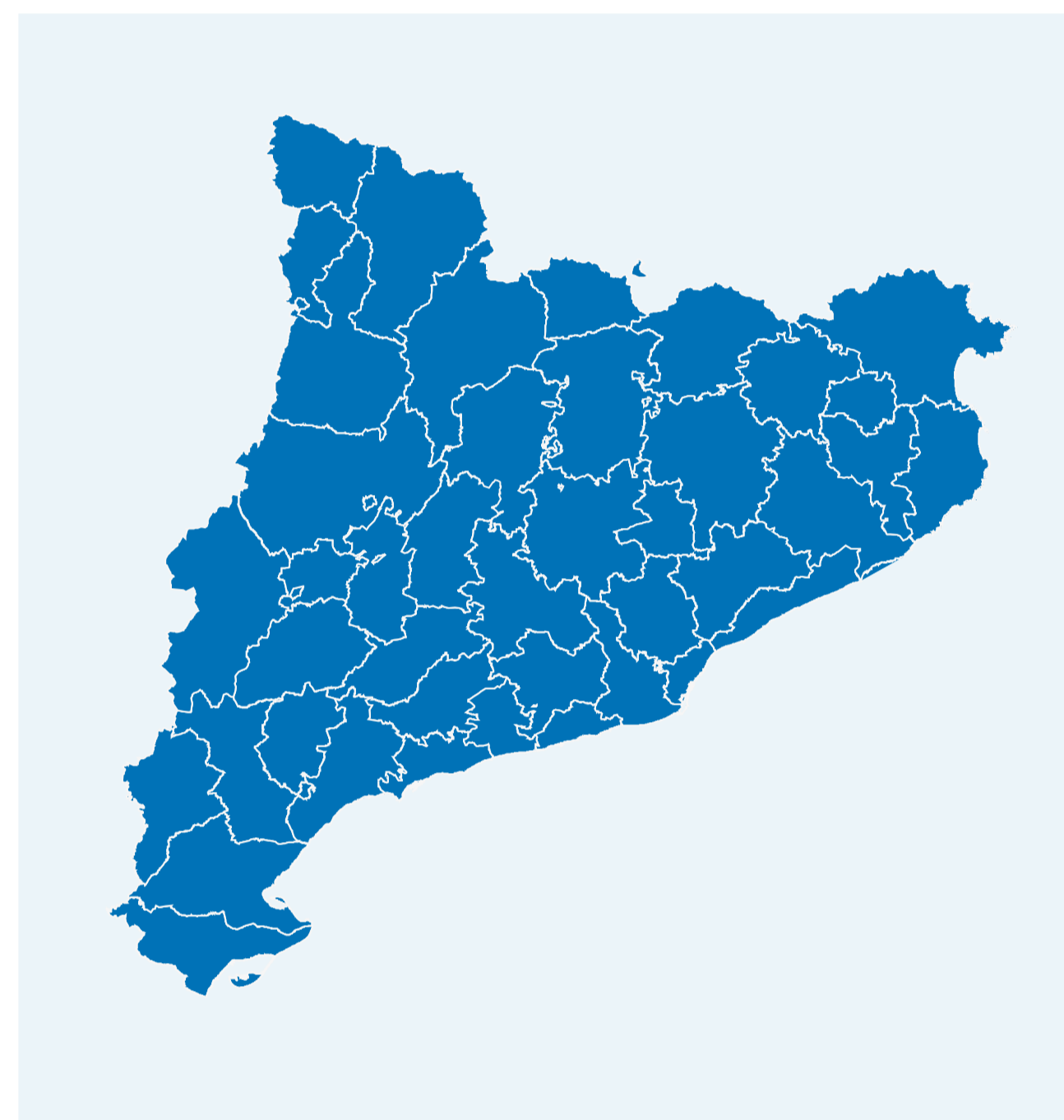
Spain: administrative distribution



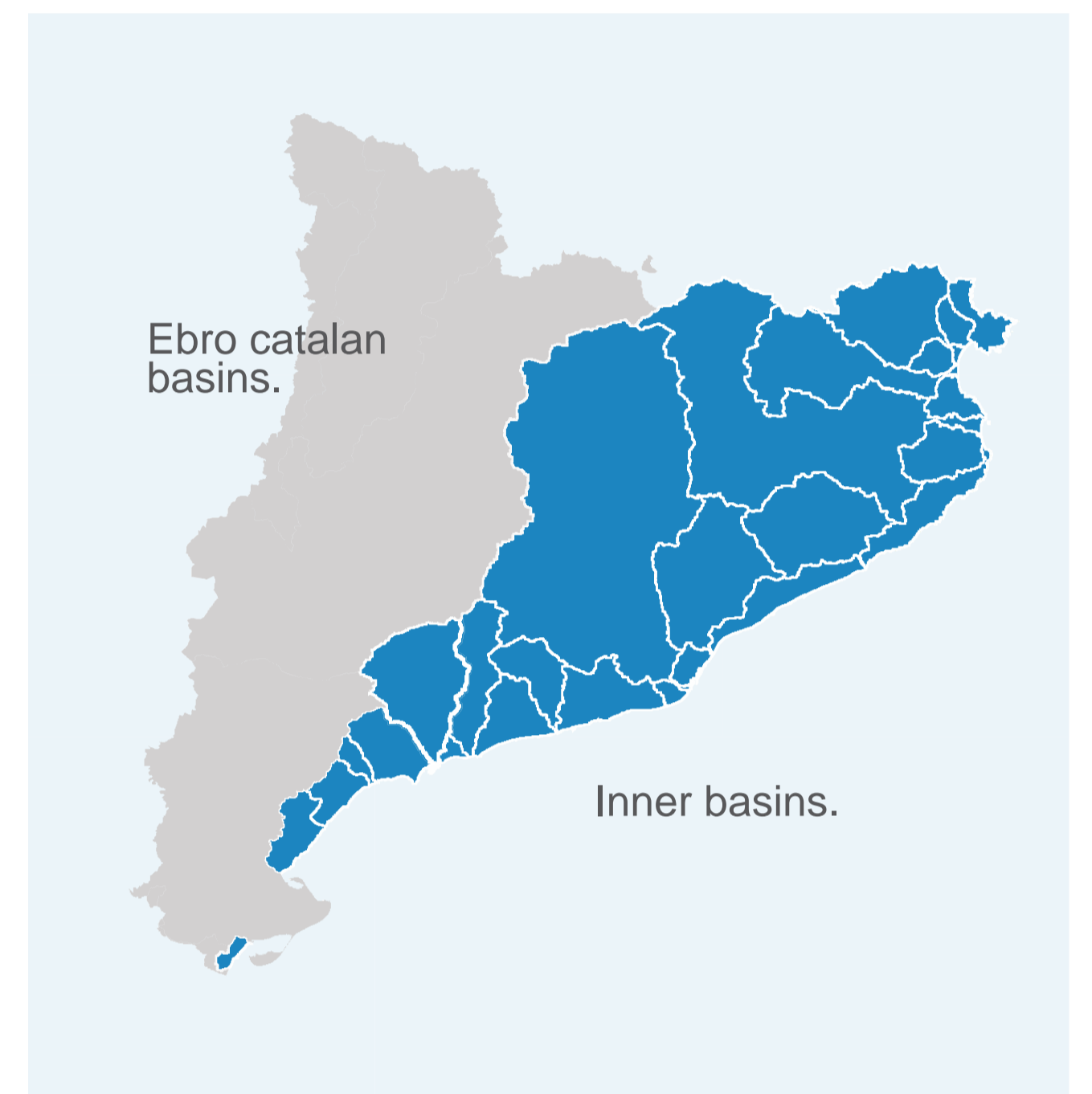
Spain: basin organization



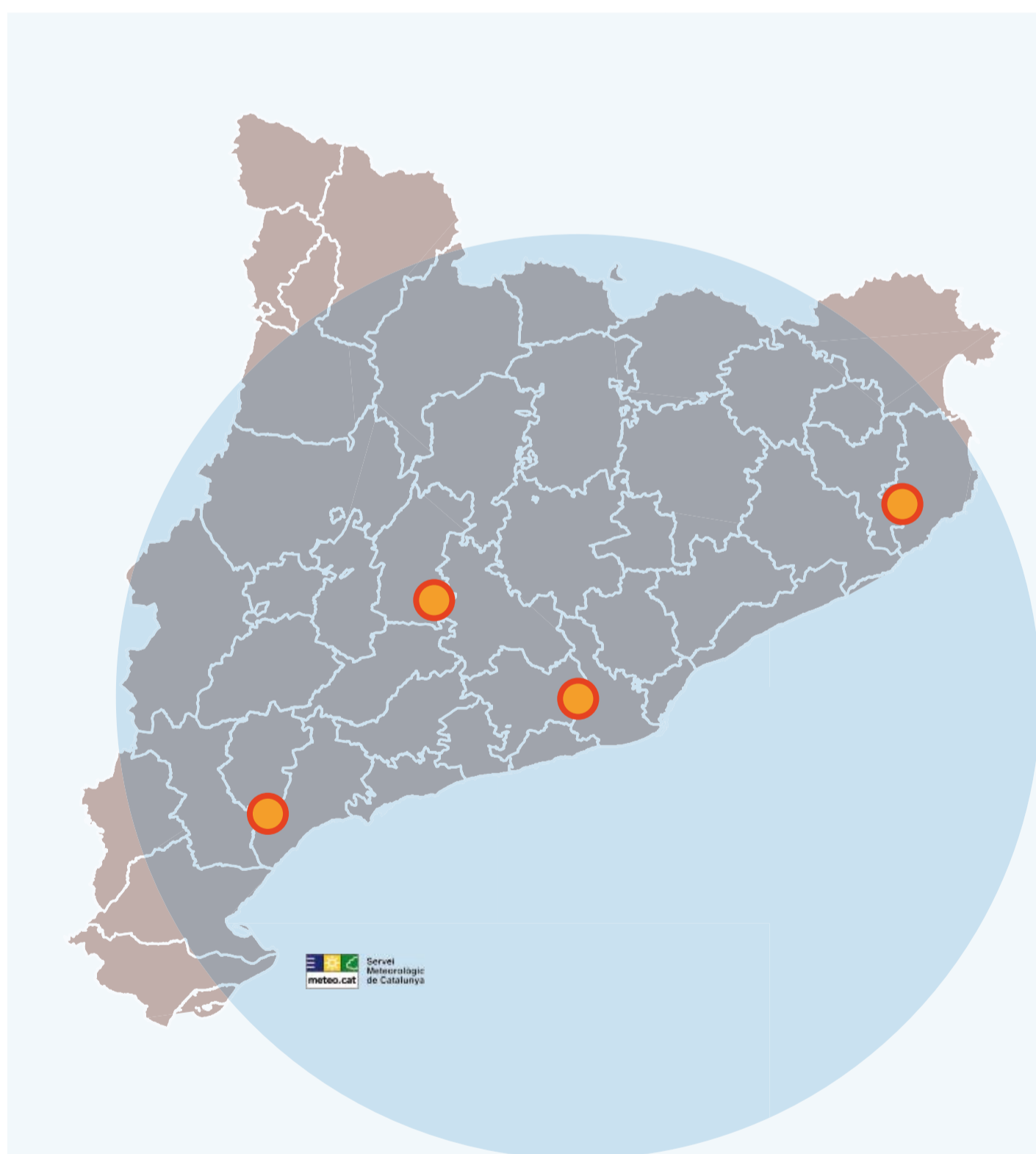
Catalonia: administrative distribution



Catalonia: basin organization



Radar Stations (Catalan Meteorologic Service)



Catalan orography is very complex and this affects the weather forecast. The competent Administration in this area is the Catalan Meteorologic Service (SMC) with 4 radars to cover all the territory.

TASKS: 2.1 and 2.2

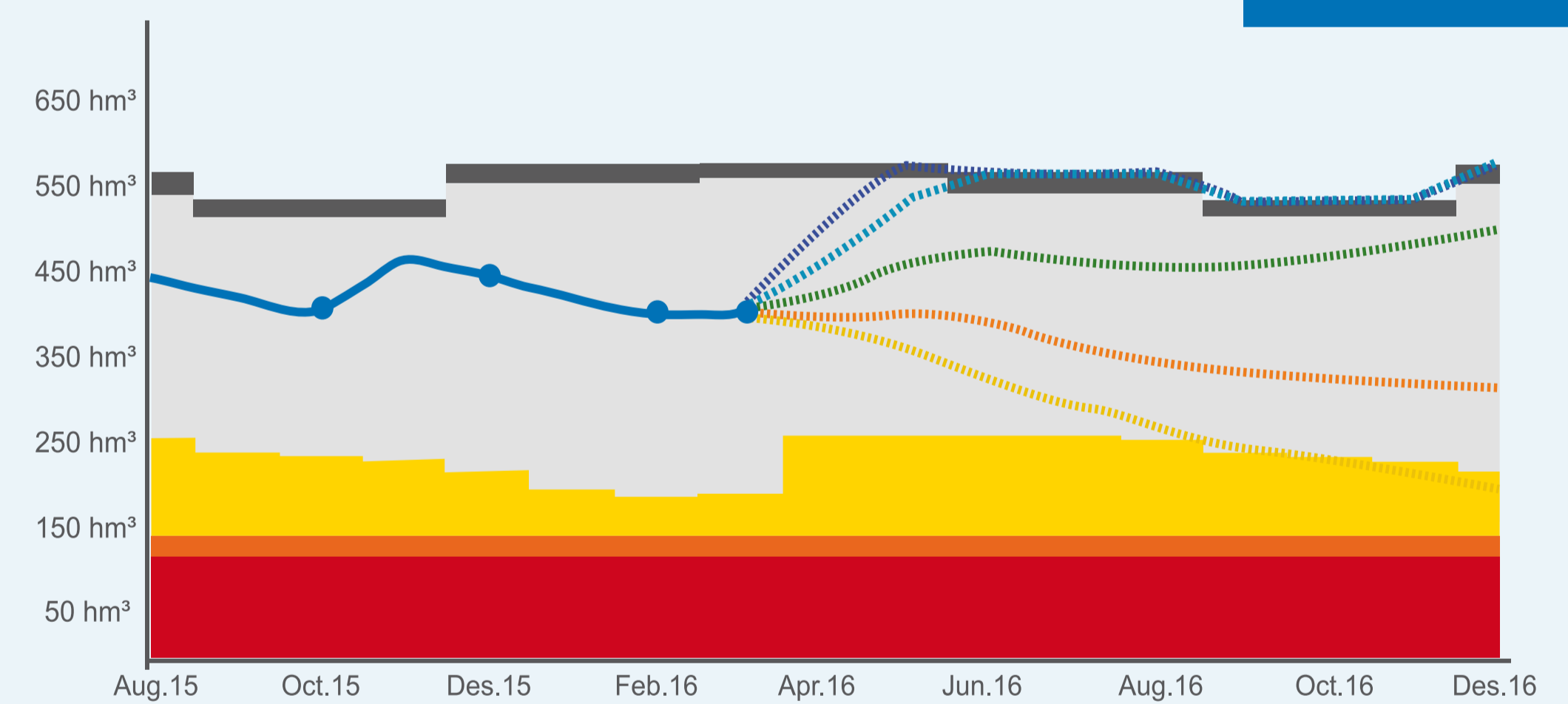
Needs:

1. Hydrological flow in small non mesurated basins (1-500km²).
2. Short term forecast radar use (EDHIT project).
3. Flash Floods alert improvements in mediterranean weather.

Current situation and reserves evolution forecast

Seasonal weather forecast should allow a better adjustment in the statistical predictions of reservoirs in long term.

TASK: 2.6



Needs:

1. How to measure the forecast consistency?
2. How to measure the advantage of this new forecast?

TASK: 1.4

IT needs in Public Administration

TASK: 1.2

Object Identifier (OID):

Sharing the OID of the entities facilitate the interchange of the metadata between differents companies. How we build this list of items?

TASK: 3.1 and 6.4

The Catalan Water Agency has:

- WMS with layers flooding.
- Data acces in real time (Sentilo platform).

TASK: 5.2

Information from social networks:

How do we gather, keep, reuse, publish...?

Legal and administrative issues

TASKS: 1.3

Keep the Anywhere platform:

Once the project is over, will be the Anywhere platform still working?

FOSS platform:

The platform will be created with Open Source? To avoid technological dependencies and enhance the reusability? Directive 2004/18/EC.

Innovation Oriented Public Procurement:

How can we apply the IOPP to Anywhere? Directive 2014/23/EU and 2014/24/EU on public procurement.

Third Party Flood case

TASK: 5.5 and 7.1

Promoting autoprotection environment:

The ACA is promoting an environment (SAPI) where third parties offer alert services to prevent flooding.

Nowadays, two companies are working in this new environment.

