

Annex 1.

CHARACTERISATION OF DIGITAL SOLUTIONS IN IRRIGATION

Name of the company:

CIF:

Name Solution marketed:

Please indicate whether your company develops the digital solution you market or focuses on marketing solutions created by third parties, as is the case for consultancies.

The solution markets:

- Does it automate irrigation?
- Does it use sensors?
- Do you use predictive models?

If sensors are used, these are:

- Remote
 - Satellites
 - Drones
 - Other
- Nearby
 - From the ground
 - Ambient
 - On the ground

Parameters that take into account the solution

- Time slots
- Direct cultivation data (follow prescription according to published studies)
- Indirect crop data (rainfall forecasts, observatory data...)

Does the solution allow for remote irrigation management?

Is it a tool to help the irrigator's decision making? (Yes/No) And if yes, what does it provide information on?

- When to irrigate
- How much to irrigate
- Where to irrigate

Please explain if the tool allows the scheduling of several plots at the same time, or is it necessary to set up different irrigation schedules.

Can it be used in deficit irrigation?

List the crops for which it is optimised:

Has the solution been tested in any agro-climatic region?

Is it interoperable with other systems and solutions?

How is the authenticity, integrity and availability of user data guaranteed?

Ownership of data: After the collection of irrigation data, does the data become the property of the company or does it remain the sole property of the farmer?

In the case of predictive solutions, does the tool adapt the algorithm to the farmer's conditions, based on the data provided from the plots, or does it use the same algorithm for all farmers?

User Interface:

- Mobile application
- Web platform
- Other interfaces (specify)

Support and Maintenance

Support options:

- Technical support (24/7, business hours, etc.)
- Support channels (phone, email, chat, etc.)

Maintenance:

- Preventive and corrective maintenance services
- Software updates

Pricing and Financing Models

Pricing Model:

- Subscription.
- One-off payment
- Hybrid models

Price Range:

- Approximate cost or price ranges

Financing options:

- Own financing
- Collaboration with financial institutions