



The Andalusian countryside saves water and energy with a mobile app that monitors rain

LOCATION: Lebrija (Seville)

VTR: 1'50''

SUMMARY: Farmland irrigation uses 80% of the water consumed each year in our country. Therefore, it is necessary to take measures to help the efficient management of water, particularly in times of drought as is currently the case. A mobile application powered by the Environment Office in Andalusia (REDIAM) provides real-time rainfall data at any point in the region through 200 weather stations, as well as accumulated data, which helps farmers optimize the use of irrigation.

VTR:

If anyone knows the value of water that's a farmer. Mostly, irrigation farmers, a sector which consumes an 80% of the water consumed in Spain each year.

ANTONIO BELLIDO
Irrigation Farmer

"Many organizations are beginning to declare this year's drought and every day we hope that the water supply can be guaranteed for all to have a good harvest."

BENITO SALVATIERRA
Irrigation Assessor

"We will have very little water available to distribute and we will need to carefully manage each millilitre"

To accomplish this task it is necessary to know rainfall data with extreme accuracy at all times. A mobile application of the Environment Office in Andalusia (REDIAM) provides that data in real time. The program detects the exact location of the user and provides information about how many litres of rain were recorded at the nearest weather station; currently 200 of these stations send data to the application.

FRANCISCO CÁCERES
Environment Office Delegate

"To know the exact amount of rainfall in the area is quite useful to farmers in order to help them calculate irrigation dosages. They work out how much water the harvest needs, knowing how much rainfall it got helps as they then supply the difference through irrigation to optimise growth with no waste"

ANTONIO BELLIDO
Irrigation Farmer

"Factual data is something we need, now more than ever as things are really tuff, because the cost of water is high but so is the cost of the electricity, which becomes a heavy weight to bear."

Because to get the desired pressure for sprinkler irrigation it is necessary to use these water pumps powered by electricity. And less water use means... less power consumption.

AL FRANCISCO CÁCERES
Consejería de Medio Ambiente

"Saving water saves energy resources."



Water and energy, two of our most precious possessions, whose efficient management is increasingly necessary.

For more information or support please call +34 647 310 157 or email info@andalusianstories.com