

Secondary students collaborate on research with CSIC in an innovative educational model

LOCATION: Seville / Lucena (Huelva)

DURATION: 1' 42"

SUMMARY: A group of students at the Claret de Sevilla Secondary School work side by side with the Superior Council of Scientific Research on real research which looks into a more sustainable use of water in the irrigation system for strawberries in Huelva. This is possible thanks to a pioneering agreement between three parties: the Superior Council of Scientific Research, the company Infocultivo, located in Huelva, and the school in Seville; which also collaborates with Vodafone to achieve various aims. These include awakening vocations amongst students, exchanging experiences and carrying out research that would not otherwise be possible due to a lack of resources.

VTR:

These are secondary school students who are taking part in a real scientific project. They are trying to find a solution to one of the world's greatest problems: the rational use of water. At the age of just 15, they have worked for the Superior Council for Scientific Research.

KIKO CARO
Student at Colegio Claret

"It sounds powerful."

JOSÉ MANUEL RODRÍGUEZ
Student at Colegio Claret

"It's something that we are going to apply, so it gives you much more motivation."

The students are able to venture outside the classroom, through a partnership between Vodafone, the Claret School, the company Infocultivo, and the Institute of Natural Resources and Agrobiology of the CSIC.

ANTONIO DÍAZ
CSIC Scientist

"We are going to use the transfer of knowledge that we enable, from research centres to businesses and to society, in an innovative way spreading it to Secondary school students..."

MARÍA RUIZ
Teacher at Colegio Claret

"...without doing an economic exchange, exchanging knowledge, there is an exchange in terms of everyone benefitting and achieving a challenge, fulfilling an aim..."

ANTONIO DÍAZ
CSIC Scientist

"...being able to turn something which is often not feasible, due to a lack of resources or financing, into a reality."

The students analyse the data collected directly by these sensors, on humidity, temperature and soil conditions.

RAFAEL LÓPEZ
Technical Consultant at Infocultivo

"The children will learn that this is what is done in the real world and we as Infocultivo will benefit from the whole experience that CSIC offers, so that we can improve our technology."

ANDRÉS RGUEZ-SACRISTÁN
Student at Colegio Claret

"We have to learn to ration water, and I think that if I can help with this, then that's significant."

ÁNGELA JAÉN
Student at Colegio Claret

"I often think about what I want to do, what I want to contribute to the world, and with this project I think that we can determine more or less what we want to do with our lives."

ANTONIO ALONSO
Student at Colegio Claret

"To make this change, we must begin with the most difficult."