

This is a pig bait farm with capacity for 2000 places. It is located in the municipality of Maceda in the province of Orense.

Two people work at the farm, its owner and also a full-time employee.

The farm is dedicated to producing pig meat through an integrated production in the cooperative of 2nd grade COREN, the pigs enter with an age of 28/30 days and at 4 months they reach 100 kg for sale.

The farm is representative of smart farming, because it developed a system of monitoring and control of agricultural operations through easy management and compression with its own hardware and software, called AUTOFARM.



Objectives

- Introducing smart farm technology in the farms through the training of young farmers to improve economic and productive indicators.
- Long term: Increase sales of AUTOFARM, the monitoring and control system of the farm

Motivations

- Find young farmers who want to introduce control and monitoring systems into their farms
- Know the technical problems that pig producers have to look for technological solutions.
- Transmit the advantages and ease of applying smart technologies to farms.
- Transfer the AUTOFARM system from pig farms to all types of livestock production.

Topic selection

- Pork meat Production
- Smart farming to improve productivity and quality of life

Audience & participation

- Audience: Farmers, veterinarians, advisers
- No participation fee.

Demonstration set-up

- It is top-down, but the farmers also participate in the demonstration with questions throughout the demonstration visit.
- It is the owner who directs the presentation: first, he explains the visit we are going to follow in a room from where you can control the entire farm.
- After, we visit the farm to see the results of the monitoring and control system
- There is no subsequent control - evaluation of the results, but the farmer collects data from the farmers interested in applying the system to their farms.
- The explanations are different depending on the audience that attends the farm (advisors / veterinarians or farmers)

Evaluation peer-to-peer learning environment (June 2018)

- 12 participants : one group
- Presentation based on control of environmental parameters and monitoring of feed / water consumption, etc.
- The farmer-demonstrator receives information on the problems of the farmers and advisers participating in the demonstration
- Participants do not receive documentation, only a presentation based on the information on the website
- The farms finally interested in the system receive more information by email to implement the system.

- Being a demonstration farm is one of the objectives of this farm: it receives different groups per year
- The demonstration task is not professionalized but the owner is always responsible for all visits.
- Farmers observe and analyze the advantages of monitoring and controlling all the productive parameters.
- The system is not too expensive, which allows a low cost to implement a complex system of easy application
- It is the farmer himself who develops the software and hardware, this gives greater credibility to the demonstration.
- The topics discussed are always the improvement of the productive and economic parameters in the pig sector.