



EFFICIENCY IN THE USE OF RESOURCES FOR THE IMPROVEMENT OF SUSTAINABILITY OF VINE AND WINE SECTOR AT PRIORAT REGION

LIFE PRIORAT+MONTSANT | LIFE15 ENV/ES/000399

What is LIFE PRIORAT+MONTSANT?

LIFE PRIORAT+MONTSANT is a project that aims to develop and demonstrate a model of sustainable winegrowing in Priorat, by applying a set of methodologies for the efficient use of natural resources throughout the value chain, it later replicated in other wine producing regions of the European Union. The project is carried out by five organizations: VITEC (Wine Technology Center) as coordinator, the Board of the Designation of Origin Montsant, the Council of the DOQ Priorat, the company lavola 1981 SA and Wine Technology Platform (PTV).

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ADVANCE FIRMLY IN OUR COMMITMENT TO SUSTAINABLE WINE

LIFE PRIORAT+MONTSANT faces his last annuity with developments that focus on the optimal management of the use of water, fertilizers and pesticides.

With an eye to the June 2020 -data scheduled for the end of the project the consortium faces last year of LIFE PRIORAT+MONTSANT with a deep learning some progress, pointing already tangible results and benefits to growers and winemakers of the Priorat, transferable anywhere around wine country. From the point of view of scientific and technical, major progress made by the partnership so far have been related to the decline in the use of resources, both in the field and in the cellar, including water management and fertilizer use and pesticides in order to replace them with alternative and natural products that respect the environment.

MIREIA TORRES INTERVIEW



Mireia Torres is a graduate in Chemical Engineering from the IQS (Universitat Ramon Llull) and Diploma in Viticulture and Oenology by École National Supérieure Agronomique de Montpellier.

She is currently Director of the Innovation & Knowledge Familia Torres, Director of the Jean Leon winery, president of the Torres Family Foundation and president of the Wine Technology Platform.

1. What are the main challenges facing the sector in terms of sustainability?

One of the great challenges of the sector is the reduction of water consumption. In terms of wine, the temperature increase will be increasingly necessary to have drip irrigation in the vineyard and have sensors that help reduce water consumption consider it a top priority, particularly in Spain. Moreover, according to some published data winery spends about 4-7 liters of water / I of wine produced. Any line that help reduce consumption and recycle water properly should be priority.

Another big challenge is the use of waste generated in the cellar promoting circular economy. An example might be the use of sewage sludge generated by composting and fertilizer for the field or to generate energy through anaerobic digestion.

The reduction in the use of pesticides and alternative natural product research is also a priority. In fact the rules promoted by the EU tend to gradually reduce the dose of application of pesticides. A clear example is the recent reduction in dose copper field from 6 to 4 kg / average in seven years in the case of organic viticulture. Work to minimize doses aplicacion through new technologies and develop new natural products that help growers to comply without losing the harvest is a priority.

Finally it is important that any measure to help reduce the carbon footprint is important for promoting use of alternative energy in warehouses or applying to capture CO2 from fermentation will always be very positive for better sustainability.

2. Tackling climate change is the greatest challenge in agriculture and wine in particular for the immediate future? Spain is ready to face it?

Finding solutions to cope is to invest in innovation and collaboration. If the entire sector represented by organizations such as the technological platform of the wine, the Spanish Federation of wine, the wine of interprofessional organizations and agricultural unions, universities, technology centers and designations of origin we agree and we get together support administration, we can go much further in

the search for solutions.

3. If it is recognized that the main challenges facing the sector are committed to sustainability and the implementation of strategies to address climate change, European projects can be a useful tool for testing or test these strategies. What will be the priorities for the wine sector from the point of view of sustainability? How to apply (consortia, individual initiatives, etc.) and which actors should be involved?

The main lines are related to the reduction of water consumption, reduced use of pesticides such as copper in the vineyard, circular economy and measures to capture and CO2 reduction. Of course consortia are always the best option since they generate a dynamic enriching for that part. The best Spanish researchers in each specialty groups should form part and from Brussels, in my view, should support the countries of southern Europe perhaps we are more heavily affected by climate change.

NEWS AND NETWORKING

Technical meeting for exchange of results and progress: Project SMART SUSTAINABLE WINE AND LIFE PRIORAT+MONTSANT

Thursday 21 March 2019, was held at VITEC (Wine Technology Center) technical conference in order to share progress and results of the projects LIFE PRIORAT+MONTSANT and SMART SUSTAINABLE WINE.

During the day, acted as speakers Carlos Calvo, head of viticulture VITEC; Sandra Rico, ADV DO.Ca the Priorat; Maria Vaqué, ADV Montsant; Pol Zampaglione and Rachel Sadok, Lavola; Iñaki Mendioroz, UAGN.

Initially, we carried out a visit to the facilities of VITEC, later, Iñaki Mendioroz (UAGN-president of Union of farmers of Navarra, SMART SUSTAINABLE WINE Project Leader) and Sergi de Lamo (director general VITEC, LIFE PRIORAT+ MONTSANT Project Leader) give a joint welcome all attendees.

Then Sergi de Lamo gave a brief presentation of the project LIFE PRIORAT+MONTSANT and the Priorat region and then presented all the progress and results of the actions taken so far. The project was well received by UAGN attendees.

Then Iñaki Mendioroz presented SMART SUSTAINABLE WINE as well as its progress and results. Later, there was a visit to the Cooperative of Capçanes where everyone had the opportunity to taste two of their wines.



LIFE PRIORAT+MONTSANT in ENOMAQ 2019

ENOMAQ 2019, International Exhibition of Machinery and Equipment for Wineries and Bottling, was held from 26 February to 1 March, and was held at the venue Feria de Zaragoza. Four days of intense activity in which they have gone about 300 exhibitors, more than a third of which have presented solutions for the sectors of wine, olive oil and beer.

During the afternoon of Tuesday 26th February, LIFE PRIORAT+MONTSANT had the opportunity to be present at the conference "Innovation Strategies against Climate Change" at the hands of the PTV, project partner. An interesting session in which both the FEV as PTV exposed horizons of this great challenge of the sector.



LIFE PRIORAT+MONTSANT presented by VITEC in the Conference of Sustainable Management of Cultural Landscape (SUMCULA)

On 24th January, it was held the conference on Sustainable Management of Cultural Landscape international project SUMCULA of the faculty of oenology at the University Rovira i Virgili of Tarragona.

This project is the need to preserve natural, cultural and intangible assets, and develop them from an evolutionary perspective towards sustainable living environments.

The LIFE PRIORAT+MONTSANT was presented by VITEC, which was invited to the conference to present the main results obtained during the project. They Priorat presentations focused on the landscape, the characteristics of their wines, etc. In addition to an interesting presentation about the wines ferment until finally they are a finished product.



Technical meeting for growers and wineries of DO Montsant

On Thursday, 4t April, DO Montsant held a technical conference on the premises of the Wine Technology Center (VITEC) to present and publicize the progress of the project LIFE PRIORAT+MONTSANT to wineries and vine growers of DO Montsant. Firstly, Pilar Just, president of Montsant, welcomed the attendees and make a brief presentation of the general DO Montsant. Then Sergi de Lamo, General Manager of VITEC, presented the project LIFE PRIORAT+MONTSANT, showing progress and results obtained in the course of development. The day ended with a taste of microvinifications obtained during 2018.



LIFE PRIORAT+MONTSANT held a technical workshop on the premises of the Wine Technology Center (VITEC) to present the progress of the project

In VITEC- Wine- Technology Center was held on 28th May, a day in which they presented the results obtained during the 2018 of the LIFE PRIORAT+MONTSANT technical actions to wineries, vine growers and stakeholders. In addition, there was a presentation on the features and operation of the display weather data application CESENS by Marta Iglesias, Sales manager of ENCORE-LAB. The day ended with a presentation on wine tourism in the Priorat region and the workshop was attended by the project partners and more than 30 guests.













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