

# SUST FOREST

PLUS

## SUMMARY

1. International Days: "Exploitation of resin: Our forest have a promising future"
2. The CIF of Lourizán joins the SustForest Plus project as an associate partner
3. SustForest Plus plans the key activities that will be developed in the first phase of the year
4. SustForest Plus participates in the event organised by the project INCREDIBLE: the extraction of resin as a key element of sustainable forest multifunctionality
5. The study to characterize the compatibility of resination with the production of wood for structural use within the framework of the SustForest Plus project begins
6. The SustForest Plus Project intervenes in workshop Monitoring and modelling of resin resources in a context of climate change, organized by the H2020 INCREDIBLE project.
7. SustForest Plus present at the Science to Practice conference organised by the European resin innovation network Resins iNet of the INCREDIBLE H2020 project.
8. SustForest Plus presents in Bordeaux its proposal for the launch of a brand guarantee of European natural resin

Newsletter 2 / March 2019



SOE2/P5/E0598

SOCIOS | PATERNAIRES | PARCEIROS | PARTNERS



ASOCIADOS | ASSOCIÉS | ASSOCIADOS | ASSOCIATES





Newsletter 2 / March 2019

# 1. International Days: "Exploitation of resin: Our forest have a promising future"

May 30, 2019

Date: Thursday, 30 May, 2019 to Friday, 31 May, 2019  
Location: Centro de Ciencia Viva da Floresta. Município de Proença-a-Nova. Portugal

The main objective is the process of creating the European Network of Resin Territories, RETR, a sectorial and transnational association that will promote a Strategy for European Natural Resin (ERNE) aimed at promoting policies, programs and actions that support the improvement, conservation and valorization of this resource.

Specifically, one of the objectives of the RETR will be to present the sector to the European Union's public decision-makers in Brussels in 2021, so that European natural resin can be taken into account in the design of the Common Agricultural Policy (CAP), the European Union's Bio-economy Strategy and the Forest Policy guidelines.

This Network will promote the valorization and the use of the resin generated in the European mountains, it will allow the creation of employment and therefore, fixation of the population in the rural environment and, finally, it will promote a mark of origin of the resin of the south of Europe.

This event will mark the starting signal for the Network, which is one of the cornerstones of the SustForest Plus project and is also essential for achieving its objectives: mobilising the European resin resource to supply local industry in a stable manner, improving the quality of work of resin workers, generating stable and quality employment in the rural areas of south-west Europe, and expanding the markets for derivative products through commercial and technological valorisation of the natural resin produced in these forests as a sustainable resource.

## 2. The CIF of Lourizán joins the SustForest Plus project as an associate partner

May 06, 2019

Centro de Investigación Forestal  
**LOURIZÁN**



**XUNTA DE GALICIA**  
CONSELLERÍA DO MEDIO RURAL  
Dirección Xeral de Ordenación e Producción Forestal

Participate in the line of improvement of resination stimulant compounds in the masses of Pinus Pinaster Ait

During the month of May, the Forest Research Centre of Lourizán, dependent on the Galician Agency for Food Quality (Agacal) of the Xunta de Galicia, was incorporated as a partner associated with the SustForest Plus project.

The incorporation of the CIF Lourizán takes place in the context of its collaboration in the analysis of new resin stimulants on Pinus pinaster Ait led by the Universidad Politécnica de Madrid (UPM) within the project SustForest Plus.

The CIF of Lourizán has disinterestedly provided a novel salicylic-based stimulant formulated and developed by the Centre itself for testing during the SustForest Plus campaign in 2018. The tests carried out on the plots proposed by the UPM have yielded very positive results, so the formulation will continue to be tested in the next campaigns with the aim of validating its possible use by resin producers in southern Europe, and for its possible evolution and improvement.

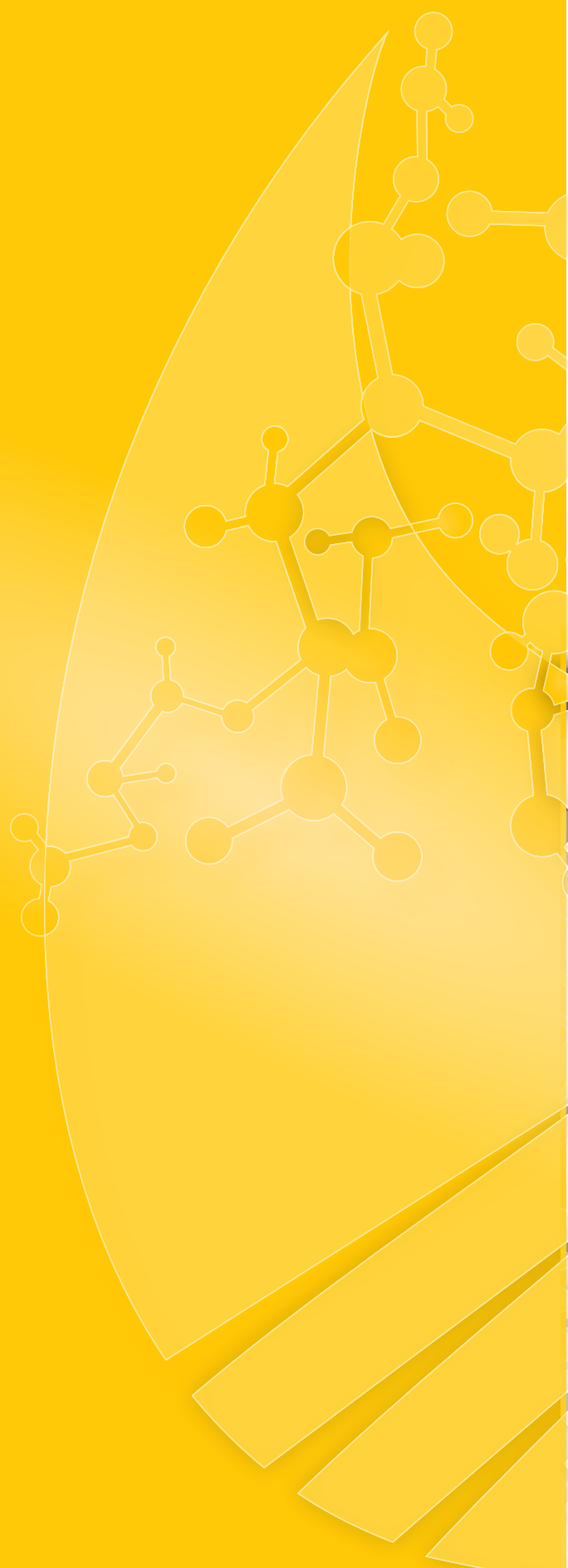


## **The Lourizán Forestry Research Centre**

With the incorporation of the CIF Lourizán the consortium of SustForest Plus reinforces its competences in a very significant way, both in terms of scientific capacity and in territorial representativeness, since with it the project gains presence in the autonomous community of Galicia.

Currently, the CIF Lourizán is developing several projects related to research in the resin sector aimed at adapting different methods of resination to the conditions of the Galician mountains, improving productivity, the multifunctionality of forest areas, forest genetics, planning, forestry and forest protection. Its contribution to the project will be important for its participation in the lines of improvement of stimulant compounds and in the dissemination of results of the project in its geographical area.

The project Sust Forest Plus SOE2/P5/E0598 "Strategy and collaboration networks for multifunctionality, conservation and employment in the territory of southern Europe through resin extraction" runs from 2018 to 2021, is co-financed by the Interreg Sudoe Programme through the European Regional Development Fund (ERDF) of the European Union and aims to improve joint management methods of natural resin sources in the Sudoe territory as a strategic and preferential resource for industry, job creation and the rational use of natural resources.





The SustForest Plus project has the following entities as beneficiary partners: Fundación Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León (Cesefor), Centre National de la Propriété Forestière (CNPF), European Forest Institute (EFI), Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA), Instituto Nacional de Investigación Agrária e Veterinária (INIAV), the municipalities of Penela and Proença-a-nova and Universidad Politécnica de Madrid (UPM).

The project has also been supported by other entities related to the sector of natural resins and belonging to the territory SUDOE (Tunisia, Greece and Italy) which participate as associate partners of the project, which are: Asociación Nacional de Resineros (ANR), Associação das Indústrias de Madeira e Mobiliário de Portugal (AIMMP), Associação Florestal do Vale do Douro Norte (Aflorodounorte), Certis - Controlo e Certificação, Lda., Decentralized Administration of Epirus-Western Macedonia, Diputación Provincial de Soria, Essência Química - Resinas e Derivados, Eurorégion Nouvelle Aquitaine-Euskadi-Navarre, Federación de Asociaciones Forestales de Castilla y León (FAFCYLE), Groupement de Producteurs Forestiers du sud Gironde (CPFA), Holiste Laboratoires et Développement, Industrial Resinera Valcan, S. A. (IRV), Instituto de Conservação da Natureza e das Florestas (ICNF), National Institute for Research in Rural Engineering Water and Forestry (INRGREF), Junta de Castilla y León, Luresa Resinas, S. L., Pôle de compétitivité Xylofutur, Quercus - Associação Nacional de Conservação da Natureza, Resipinus - Associação de Destiladores e Exploradores de Resina, Rincón de la Vega S.A.L., Sociedad de Resinas Naturales, S.A., Unione Di Comuni Valdarno E Valdisieve, United Ressins - Produção de Resinas S.A. and Centro de Investigación Forestal de Lourizán.

### **3. SustForest Plus plans the key activities that will be developed in the first phase of the year**

March 01, 2019

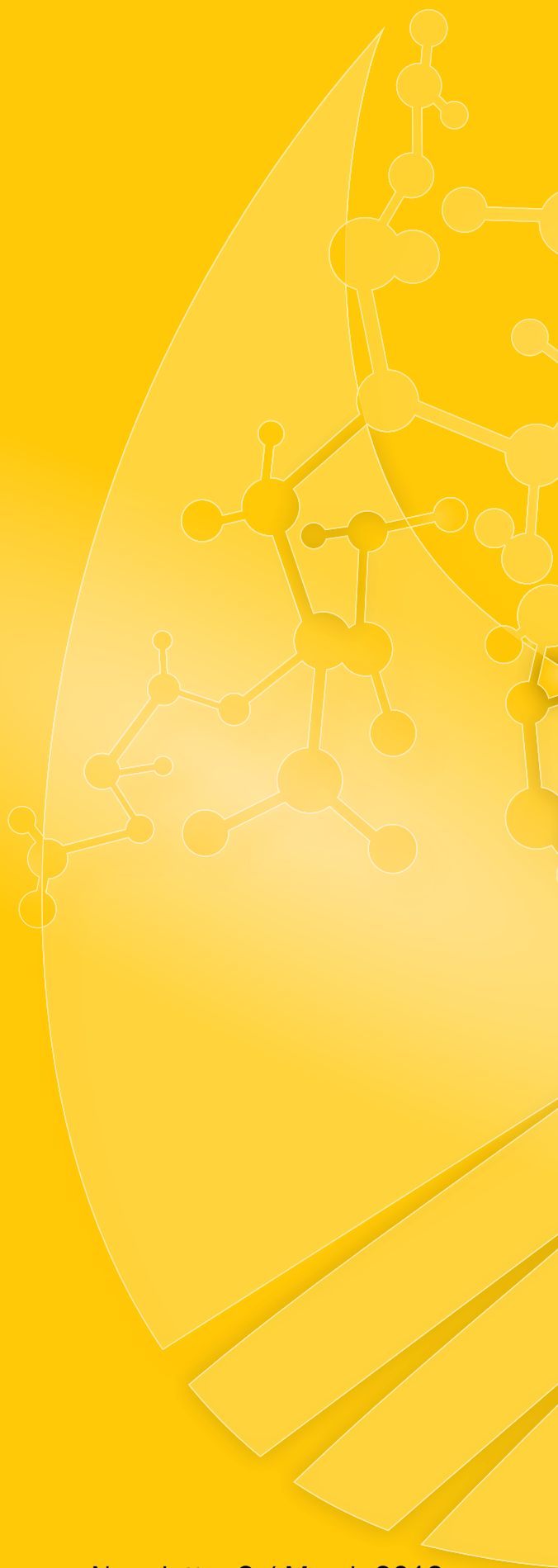
The creation of the European Network of Resin Territories (ENRT), the international conference "The exploitation of resin, forests have a future", the calculation of the carbon footprint of products derived from natural resin and the socio-labour study of the European resin population were the main topics discussed in the last coordination meeting of the SustForest Plus project, which was attended by the Portuguese beneficiary partners of the project, the INIAV, the municipalities of Penela and Proença-a-Nova and the Cesefor Foundation.

Newsletter 2 / March 2019



The conference took place on 26 February at the headquarters of the National Institute of Investigaçao e Veteinária, INIAV, in Lisbon. Dr. Miguel Pestana, from INIAV, welcomed the participants and showed them the large capabilities of this Institution for the development of agricultural and livestock projects. The meeting began with the presentation of the progress of the project already started in the INIAV. Then, in the municipalities of Penela and Proença-a-Nova, the work for the next quarter was planned and the most important issues within SustForest Plus were addressed. Among them, there is the creation of the European Network of Resin Territories and the International Conference "The exploitation of resin, forests have a future", which will take place on 30 and 31 May in Proença-a-Nova. This day will bring together the authorities and entities interested in supporting the creation of the Network and spaces will be created to discuss and reflect on the role that this Network will play in the structuring of the resin sector at European level.

Among the activities already implemented, there is the calculation of the carbon footprint of the products derived from natural resin that is being carried out by the Portuguese partner, the Municipality of Penela, and the socio-labor study of the European resins population on which the INIAV is working. Both topics were also laid on the table to study their current state of development, as well as other administrative and project management issues.



## 4. SustForest Plus participates in the event organised by the project **INCREDIBLE: the extraction of resin as a key element of sustainable forest multifunctionality**

February 27, 2018

For two days, the French town of Cestas will host the event organised within the framework of the project INCREDIBLE; the extraction of resin as a key element of sustainable forest multifunctionality. This meeting combines seminars and workshops involving the entire value chain of natural resin, with the purpose of reflecting on the factors that determine the success of the integration of resin collection in the forestry sector, on the role that resin tappers can play in the multifunctional use of forests, and on the kind of support that administrations can offer for the mobilisation of resin of European forests.

The project SustForest Plus participates, once again, in an event organized by the project INCREDIBLE in order to shed light and express its own vision of the analysis that is being carried out within the framework of the actions of this project

To download the complete program, click on the following link. The SustForest Plus project participates with the project INCREDIBLE.

[https://incredibleforest.net/sites/default/files/progr\\_iw\\_resina\\_bordeaux.pdf](https://incredibleforest.net/sites/default/files/progr_iw_resina_bordeaux.pdf)







## **5. The study to characterize the compatibility of resination with the production of wood for structural use within the framework of the SustForest Plus project begins**

January 30, 2018

This study will be part of the UNE 56544: 2011 standard that collects the visual classification of structural wood of conifers, and its preliminary results will be part of the Strategy for European Natural Resins.

Within the scope of the SustForest Plus project, the CeseFor Foundation has initiated a study dedicated to the compatibility of the use of Pinus pinaster resinero with the production of wood for structural use. The results of the study will allow the inclusion of resinated Pinus pinaster wood in the UNE 56544: 2011 standard for the visual classification of structural wood of conifers.

The objective of this study is to facilitate the use of resinated Pinus pinaster wood by construction professionals for structural use.

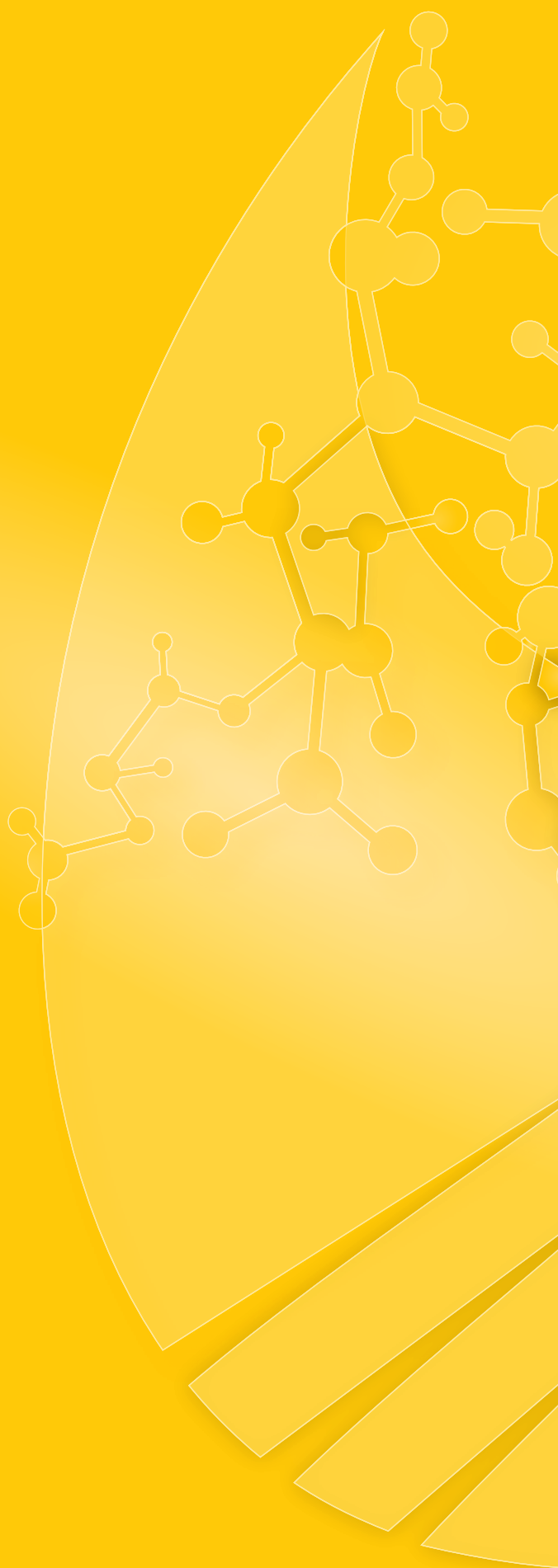
The SustForest Plus project contemplates this initiative through Working Group 1 dedicated to the development of a strategy for sustainable forest use of European natural resins (ERNE), one of whose basic pillars is to stimulate the multifunctional use of resin forests through the compatibility of other available resources such as wood and other non-timber forest products.

This analysis of the structural characteristics is developed thanks to the joint work of the Area of Forest Management and Natural Resources and the Area of Industry and Construction with Wood, of the Cesefor Foundation.

Wood from a Pinus pinaster resin forest will be analyzed, taking a sample of trees resined for 25 years and another one of unresined feet that will serve as a witness; thus, its characterization will proceed by means of standardized tests in Cesefor's testing laboratory. The data obtained will be used to characterize resinated wood from the structural point of view, and include it in the UNE 56544: 2011 standard, which allows the wood market its standardized use for structural purposes. The trees in the sample come from a mountain in the province of Soria.

At the same time, another similar study is being carried out by another of the project partners, specifically Centre Régional de la Propriété Foestière Nouvelle-Aquitaine, on the Pinus pinaster masses of the French Landes, although in this case the characterisation aims to facilitate the use of resined wood for parquets and coverings, highlighting its aesthetic characteristics that differentiate it from other pine woods.

The project SustForest Plus SOE2/P5/E0598 "Strategy and collaboration networks for multifunctionality, conservation and employment in the territory of southern Europe through resin extraction" runs from 2018 to 2021, is co-financed by the Interreg Sudoe Programme through the European Regional Development Fund (ERDF) of the European Union and aims to improve joint management methods of natural resin sources in the Sudoe territory as a strategic and preferential resource for industry, job creation and the rational use of natural resources.





The project's beneficiary partners are: Fundación Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León (Cesefor), Centre National de la Propriété Forestière (CNPFF), European Forest Institute (EFI), Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA), Instituto Nacional de Investigação Agrária e Veterinária (INIAV), Municipio de Penela, Municipio de Proença-a-nova and Universidad Politécnica de Madrid (UPM).

The project has also been supported by other entities related to the sector of natural resins and belonging to the territory SUDOE (Tunisia, Greece and Italy) which participate as associate partners of the project, which are: Asociación Nacional de Resineros (ANR), Associação das Indústrias de Madeira e Mobiliário de Portugal (AIMMP), Associação Florestal do Vale do Douro Norte (Aflorodounorte), Certis - Controlo e Certificação, Lda., Decentralised Administration of Epirus-Western Macedonia, Diputación Provincial de Soria, Essência Química - Resinas e Derivados, Eurorégion Nouvelle Aquitaine-Euskadi-Navarre, Federación de Asociaciones Forestales de Castilla y León (FAFCYLE), Groupement de Producteurs Forestiers du sud Gironde (CPFA), Holiste Laboratoires et Développement, Industrial Resinera Valcan, S. A. (IRV), Instituto de Conservação da Natureza e das Florestas (ICNF), National Institute for Research in Rural Engineering Water and Forestry (INRGREF), Junta de Castilla y León, Luresa Resinas, S. L., Pôle de compétitivité Xylofutur, Quercus - Associação Nacional de Conservação da Natureza, Resipinus - Associação de Destiladores e Exploradores de Resina, Rincón de la Vega S.A.L., Sociedad de Resinas Naturales, S.A., Unione Di Comuni Valdarno E Valdisieve y United Resins - Produção de Resinas S.A.





## **6. The SustForest Plus Project intervenes in workshop Monitoring and modelling of resin resources in a context of climate change, organized by the H2020 INCREDIBLE project.**

January 17, 2018

The multiplatform application of traceability of natural resins, the evaluation of the international resin market and the establishment of a network of experimental plots and monitoring of resin activity, will be the three actions of SustForest Plus explained at this meeting.

The SustForest Plus Project collaborates once again with the INCREDIBLE project financed by the European programme for innovation HORIZON 2020. This time through the international workshop called Monitoring and modelling of resin resources in a context of climate change. This event is organized by the National Institute of Agricultural and Food Research and Technology (INIA) and will be held on 21 and 22 January 2019, in Madrid (CIFOR-INIA: Crta. La Coruña km 7.5, 28040).







The SustForest Plus project participates with three papers in which they will present their lines of action within the framework of climate change on the use of resin. Firstly, Javier Calvo, from the CeseFor Foundation, will present the ResinApp application, which consists of a multiplatform application adapted to the traceability system for the use of natural resins. With this tool it will be possible to carry out a logistical control of the uses by the natural resin transformation industries. Secondly, Armand Clopeau, from the European Forestry Institute, will present the evolution of the international resin market and its impact on the resin microeconomy. And finally, Ricardo Alía, from INIA-iuFOR, will present the design of a network of experimental and monitoring plots of resin activity aimed at improving extractive techniques and production measurement, taking into account the impact on climate change and social changes.

In general, this meeting will address some of the first priorities identified by the innovation network (iNet) of natural resins of the INCREDIBLE project, related to the sustainable production of natural resin from Mediterranean forests: the modelling of resources in a context of climate change. This workshop also aims to make an approach to the long-term availability of resources in a context of global change, shifting the focus from scientific tools to more practical issues. The quality and relevance of the knowledge transmitted will be collectively evaluated and future priorities and activities will be determined.

The full programme is available on the INCREDIBLE project website. Those interested in attending can contact the organizers through the email [seccifor@inia.es](mailto:seccifor@inia.es), with the reference "Resin workshop".

## **7. SustForest Plus present at the Science to Practice conference organised by the European resin innovation network Resins iNet of the INCREDIBLE H2020 project.**

October 18, 2018

The SustForest Plus project will be present at the forestry innovation conference "Science to Practice: Advances in mechanization of resin harvesting" to be held on 23 October in the town of Tardelcuende de Soria.

The conference is part of the activity of the European resin innovation network Resins iNet INCREDIBLE project funded by the European program for innovation HORIZON 2020.

Throughout the day the challenges of innovation in mechanisation of resin forest exploitation will be analysed. Public and private research entities will present their proposals for evolutionary, open and disruptive innovation, both in the field of extraction and for the collection or logistical control of resin operations.

The tools, machines, methods and systems presented during the day offer solutions for different operating scenarios. One of the sessions will be dedicated to the presentation of a project of efficiency and profitability analysis of each of the resination systems, both innovative and classic, to offer planners and managers a standardized technical reference to choose and decide which system is more suitable for each case.

The Science to Practice conference will conclude with a round table discussion in which the future of innovation in resin machining will be analysed, and progress will be made in setting out the challenges faced by the sector in this area.

## 8. SustForest Plus presents in Bordeaux its proposal for the launch of a brand guarantee of European natural resin

October 18, 2018

The second meeting of the SustForest Plus project was held this week at the Atlantic headquarters of the European Forest Institute (EFI), where the partners benefiting from the partnership met to report on the progress of the work and to plan the project actions in the coming months.

The conference, which took place in Bordeaux on 9 October, was supported by the presence of Beatrice Gendreau, Forestry Councillor of the regional government of New Aquitaine, who underlined the interest in the recovery of resin activity in the region and the importance of the initiative proposed in the SustForest Plus project for the creation of a brand guaranteeing the origin of European natural resin.

At this meeting, the Cesefor Foundation presented the document that will guide the drafting of the Strategy for European Natural Resin, drawn up with the collaboration of a round table made up of more than twenty-five experts from the European resin sector.

In the coming months, the Portuguese town council of Proença-a-Nova, together with Cesefor and the rest of the partners in the project, will advance in the creation of the REDsina Europe, a European network of resin-producing territories, as the manager of the strategy for European resin and with the vocation of becoming a reference and interlocutor to represent the interests of the sector before public decision-makers.

Newsletter 2 / March 2019





## **‘SustForest Resin Lab’**

One of the main novelties of the project -exposed by the Spanish National Institute of Agrarian Research (INIA) at the meeting- has been the creation of a European network of experimental plots in resin material, which under the name 'SustForest Resin Lab' will collect in a database and a web viewer the relevant sites where experiments and resin research initiatives are developed. The SustForest Resin Lab will allow the sharing and diffusion of information among the scientific community, thus contributing to the coordination, orientation and acceleration of the resin R+D.

For its part, the Regional Centre for Forest Ownership of New Aquitaine (CRPF Nouvelle Aquitaine) presented the progress made in the creation of owner groups, in which it has worked together with the partners associated with the Agrupación de Productores Forestales del Sur de Girona project and the company Holiste.





At the meeting held in France, other issues were also presented, among which those referring to the compatibility of the use of resin and other forest products stand out, pointing out that progress has been made in testing the characteristics of resined wood, both by CRPF Nouvelle Aquitaine and Fundación Cesefor. During the 2018 resination campaign, the Portuguese National Institute of Agrarian and Veterinary Research (INIAV) carried out the resination work on Pinus Pine to determine the interaction between resin and pinus productions in terms of productive yield.

On the other hand, the 2018 resination campaign has also served the Polytechnic University of Madrid (UPM) to carry out comparative trials of resination stimulants in five locations in the main Spanish resin regions. The test has been supported by the Lurizán Galician Forest Research Centre, through the provision of one of the stimulant formulas tested.

The Portuguese municipality of Penela, also a member of the SustForest Plus partnership, reported on progress in calculating the carbon footprint of products derived from European natural resin, which is one of the products of SustForest Plus most in demand by the project's industrial partners.

On the other hand, it should be noted that the meeting had the active presence of representatives of partners associated with the project Junta de Castilla y León of Spain, and union of municipalities Valdarno and Valdisieve of Italy. The next meeting of the project will take place in the municipality of Proença-a-Nova (Portugal), during the month of March 2019, within the international days foreseen in the project SustForest Plus, Los montes resineros: montes con futuro.

The meeting ended with a field visit in which they had the opportunity to get to know first hand the resin extraction system in a closed container developed on their own initiative by the project partner Holiste.



# SUST FOREST PLUS

Newsletter 2 / March 2019

