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LIFE WOOD FOR FUTURE

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NEWSLETTER 02



UNIVERSIDAD
DE GRANADA



LIFE WOOD FOR THE FUTURE PRESENTS ITS PROPOSAL FOR A POPLAR BIOECONOMY IN GRANADA TO THE SOCIAL COUNCIL

[02/05/2022]

The commitment to industrialized construction with poplar wood would contribute to decarbonization and stable and qualified employment.

The coordinator of the project, Antolino Gallego, emphasizes that it fits into the green revolution of the **Strategic Alliance for Recovery, the so-called Martyrs' Pact**.



Fig 1. Presentation to the Social Council of the proposal for industrialized construction with poplar wood.

The Social Council of Granada organized this Thursday the presentation of '**Benefits of poplar bioeconomy in Granada. Poplar wood for quality structural laminates: an industry of the future for the green**

revolution of Granada and its province', by Antolino Gallego, professor of Applied Physics of Building Engineering School (ETSIE) of the University of Granada (UGR) and coordinator of LIFE Wood for Future/Madera para el Futuro, a project for the recovery of poplar groves in Granada and to promote a sustainable construction industry funded by the European Union's LIFE program against climate change.

WOOD IS THE IDEAL MATERIAL FOR THE CIRCULAR ECONOMY IN CONSTRUCTION

[03/05/2022]



Fig 2. Participation of the LIFE project in the conference on best practices in circular economy in the construction sector organized by the City Council of Granada.

The LIFE Wood for Future project has participated on 29th April 2022 in the day of **good practices in circular economy in the construction** sector organized by the City Council of Granada through the European project URBACT URGE, in the Official College of



Quantity Surveyors and Technical Architects of Granada. The conference, with the participation of different companies and prescribers studies in the sector in Granada and the Diputación de Granada, has allowed the exchange of **ideas on the different actions on recycling and reuse of building materials.**

MORE THAN 70 ANDALUSIAN PRODUCERS WITH ALMOST 1,300 HECTARES OF LAND ARE ASSOCIATED UNDER THE BRAND MARJAL CHOPO DE GRANADA.

[16/05/2022]

A total of 73 Andalusian landowners, the vast majority of them from Granada, signed the past Saturday 16th of May **the founding act of the Agrupación de Productores Marjal Chopo de Granada**, which brings together 1,270 hectares of this tree crop, under LIFE Wood for Future/Madera para el Futuro (LWFF), the project led by the University of Granada and funded by the European Union within its financial strategy for action against climate change.



Fig 3. Members of the Agrupación Marjal pose after the election of the new board of directors.

At the constituent assembly, held at the headquarters of the Agricultural and Fisheries Research Institute (IFAPA) of the Junta de Andalucía in Granada, the board of directors of the new group, **which will be chaired by Victoria Carreras**, was elected.

LIFE WOOD FOR FUTURE VISITS RODIÑAS GROUP'S FACTORY IN CURTIS (A CORUÑA, SPAIN)

[01/06/2022]

On May 25, 2022, Professors Manuel Guaita and Antolino Gallego, from the Universities of Santiago de Compostela and Granada respectively, visited the prestressed concrete factory of Grupo Rodiñas located in Curtis, A Coruña.



Fig 4. Antolino Gallego and Manuel Guaita with the head of the Prestressed Concrete Factory of the Rodiñas Group

During the visit, the lines of cooperation with the group in the transfer and marketing of the **mixed wood-concrete product MCLamBS with a zero carbon footprint** were outlined, as well as the general guidelines for its use in the demonstration building to be built within the framework of the project, the preliminary design of which will begin shortly.



OWNERS OF LIFE WOOD FOR FUTURE DEMONSTRATION POPLAR GROVES THE VEGA DE GRANADA COLLABORATE WITH AGRÍCOLA GENIL OF SEVILLE

[03/06/2022]

As part of the replicability and transfer of results at the level of demonstration plantations, several owners met with the owners of Agrícola Genil in Écija for a field day in the poplar plantations next to the Genil river in this Sevillian town.



Fig 5. Attendees at the field day in the poplar plantations along the Genil River in Ecija

During the day, the different landowners, advised by María A. Ripoll from IFAPA-Granada, analysed important aspects such as the adaptation of the different poplar clones to the Vega baja del Genil, planting frames, pruning, soil management and stump removal, in order to obtain **quality, thick, knot-free wood.**

MARJAL FORMALLY PRESENTS ITSELF TO THE ANDALUSIAN REGIONAL GOVERNMENT

[09/06/2022]

On 7 June 2022, the Board of Directors of the poplar producers' association of Granada MARJAL, promoted by COSE in the framework of the LIFE Wood for Future project, was formally presented to the Delegate of Agriculture, Livestock and Fisheries of the Andalusian Regional Government in Granada, María José Martín Gómez, and her technical team.

COURSE ON WOODEN CONSTRUCTION FOR VET TEACHERS IN THE BASQUE COUNTRY

[09/06/2022]



Fig 6. LIFE Wood for Future at ERAIKEN Vocational Training in the Basque Country

LIFE Wood for Future has participated through professors Manuel Guaita (USC) and Antolino Gallego (UGR) in a course aimed at vocational **training teachers on Construction with Wood in the training centre CIFP ERAIKEN Construction of the Basque Government in Vitoria**. The course, in which the Galician companies FINSA and Xylonor also participated, highlighted the imperative need to work towards professional training in the timber construction sector at the manufacturing and assembly level.

PATRICIA GÓMEZ, COSE MANAGER, SPEAKS ON THE PROGRAMME EUROPA EN CASA ON ONDA LOCAL ANDALUCÍA.

[10/06/2022]

Patricia Gómez, COSE manager, was interviewed in the program **Europa en Casa** on Onda Local.

The interview is available on the program's website.

IN THE FACE OF ABANDONMENT AND FIRES, MORE SUSTAINABLE FOREST MANAGEMENT AND USE OF OUR FORESTS.

[12/06/2022]

The Granada town of Huéscar has hosted the First **Conference "Sustainability of our forests"** organized by the recently created

Association of Forest Owners of Eastern Andalusia. Both Marian Núñez, President of the Association, and Francisco Carreño, President of COSE (Confederation of Organizations of Foresters of Spain), as Antolino Gallego, Coordinator of LIFE Wood for Future, have stressed the importance of sustainable forest management and the use of forests in Eastern Andalusia to fight fires and pests, as well as to boost the economy of depopulated areas through local resources.

WOOD, A KEY MATERIAL FOR THE SUSTAINABLE ECONOMY AND THE FIGHT AGAINST CLIMATE CHANGE, THEME OF THE TREECONOMICS INTERNATIONAL CONFERENCE IN WHICH THE UNIVERSITY OF GRANADA PARTICIPATED.

[22/06/2022]

LIFE Wood for Future and the University of Granada have actively participated in the **Treconomics, Wood and Sustainable Economy Conference**, led by its coordinator, Antolino Gallego, professor at the University of Granada.



Fig 7. Treeconomics, Timber and Sustainable Economy Conference

Treeconomics, held in Madrid on June 22 2022, organized by the European Poplar Association (Propopulus) and sponsored by the bank ING, has brought together experts and actors in the sector with the aim of giving visibility to the contribution of wood in the development of a sustainable bioeconomy and climate change mitigation, especially in the construction sector.

THE PROVINCIAL COUNCIL INAUGURATES IN THE VEGA DE GRANADA THE POPLAR MOTHER STOCK FIELD FOR TIMBER USE AND ENVIRONMENTAL RESTORATION

[27/06/2022]



Fig 8. The provincial deputies Ana Muñoz and María Carmen Fernández pose with Antolino Gallego.

The County Council of Granada inaugurated the poplar mother stock field created in the Provincial Nursery in Cortijo Peinado in the municipality of Fuente Vaqueros. This action is carried out thanks to the transfer of one hectare of land to the Life Wood for Future project, which has European funding from the LIFE program for climate change mitigation. In

this case it focuses on the promotion for the recovery of the historic poplar groves of the Vega de Granada. The event was attended by the **provincial deputies of Employment and Sustainable Development, Ana Muñoz, and Environment and Animal Protection, Maria Carmen Fernandez, as well as the UGR professor Antolino Gallego, coordinator of the European Project Wood for the Future.**

LIFE WOOD FOR FUTURE PARTICIPATES IN THE ELABORATION AND PRESENTATION IN BRUSSELS OF THE POLICY DOCUMENT "A STEP FORWARD IN EU FOREST POLICY: THE MEDITERRANEAN PERSPECTIVE"

[28/06/2022]

The LIFE Wood for Future project is part of the working group driven and led by the LIFE Resilient Forest project and integrated by eight LIFE projects.

This working group was created to jointly review the European Forest Strategy 2030. Its objective is to share the common challenges faced by Mediterranean forests and to elaborate, from its experience, joint policy recommendations **to promote Sustainable Forest Management, seeking to improve the health and resilience of Mediterranean forests, and to increase the ecosystem services they provide to society.**



Fig 9. Representatives of the eight projects pose after the presentation of the Forest Strategy Europe 2030

CASTILLEJAR HOSTS THE PRESENTATION OF LIFE WOOD FOR THE FUTURE AS A HOPE TO COMBAT DEPOPULATION AND MAINTAIN ITS UNIQUE LANDSCAPE OF CONTRASTS.

[01/07/2022]



Fig 10. Owners of poplar groves in Castillejar pose after the talk where the professor of the University of Granada, Antolino Gallego, presented the LIFE Wood for the Future project

The Plenary Hall of the City Council of Castillejar, a municipality in the region of Huéscar, hosted on June 30, 2022 the presentation of the LIFE Wood for the Future project as **a tool to revitalize the poplar groves in the province of Granada, thus**

generating wealth, green jobs and environmental and landscape benefits.

Before numerous attendees from the region, mostly owners of poplar trees or land suitable for planting, the professor of the University of Granada, Antolino Gallego, presented **the scientific basis of the new poplar structural products that the project will leave close to the market**, with the aim of installing an industrial ecosystem in the province for its development and marketing.

THE IBEROAMERICAN UNION OF MUNICIPALISTS LEARNS ABOUT THE LIFE WOOD FOR FUTURE PROJECT AT THE HANDS OF THE DIPUTACIÓN DE GRANADA

[01/07/2022]



Fig 11. Visit of the Ibero-American Union of Municipalities to the poplar mother stock field planted in the provincial nursery of the Diputación de Granada.

The Ibero-American Union of Municipalists has visited the field of poplar mother vines planted in the provincial nursery of the Diputación de Granada, as part of its **INTERNATIONAL TECHNICAL MISSION "SOCIAL**



INNOVATION AND DEVELOPMENT IN RURAL TERRITORIES", carried out by the Ibero-American Union of Municipalists (UIM), between June 19 and 25 2022, in different parts of the provinces of Jaén and Granada.

THE RESTORATION PROJECT OF THE DÍLAR RIVER COMMISSIONED BY THE DIPUTACIÓN DE GRANADA IS PRESENTED TO THE MAYORS OF ITS BANKS

[01/07/2022]

The company Biotecnología y Medioambiente S.L., through a meeting convened by the Diputación de Granada, has presented the project for the restoration of a 12 km stretch of the Dílar river from Gójar to Vegas del Genil.



Fig 12. Cover of the presentation meeting of the Río Dílar restoration project

This is a proposal that has arisen thanks to the participation of the Diputación de Granada in the project "LIFE Wood for Future", which already provides for an intervention of 2 km of the river Dílar to be determined.

PUBLICATION OF THE ARTICLE ON THE AGRUPACIÓN MARJAL IN THE NAVARRA FORESTAL MAGAZINE

[08/07/2022]

On July 8, 2022, an article on the marshland grouping was published in **the Navarra Forestal magazine**.

LIFE WOOD FOR THE FUTURE PARTICIPATES IN THE 8TH SPANISH FORESTRY CONGRESS

[08/07/2022]

Patricia Gómez, COSE Manager, **has participated in the 8th Spanish Forestry Congress where she presented the LIFE Wood for Future project as an instrument for the recovery of the poplar groves of Granada and thus absorb much more CO₂ and act against climate change**, while reducing pollution and serving as a green ring

of the metropolitan area of Granada, from the bioeconomy through the development and marketing of new structural products from poplar wood.



8º CONGRESO FORESTAL ESPAÑOL

Fig 13. Cover page Spanish Forestry Congress

“TIERRA Y MAR” PROGRAM DEDICATES A REPORT TO THE LIFE WOOD FOR FUTURE PROJECT

[11/07/2022]

On July 11, 2022, the program Tierra y Mar published a report on the LIFE project Wood for the Future.

The European project LIFE: Wood for the Future aims to promote poplar cultivation in the Vega de Granada, with the dual purpose of contributing to the fight against climate change, **improving the environment and at the same time promoting local economic development.**

THE EUROPEAN LIFE WOOD FOR FUTURE PROJECT AND RECORD TIMBER PRICES ENCOURAGE THE CREATION OF THREE CERTIFIED POPLAR NURSERIES IN GRANADA

[12/07/2022]

The commitment of Santa Fe nurseries, which this year quadrupled their production of seedlings, **is a symptom of the recovery of poplar groves in the province. Wood with guarantees.**



The LIFE Wood for Future project and the record price of poplar wood on the market have **encouraged the creation of three new certified plant nurseries in the province in the last two years.** Given the signs of revival of this traditional crop, entrepreneurs Juan Carlos Cano, Curro Santos and Isaac Rodriguez, all based in Santa Fe, in the Vega de Granada, have opted to exponentially expand the area dedicated to the breeding of new plants to supply their own poplar groves and supply the foresters of the environment.

THE PROVINCIAL COUNCIL OF GRANADA INCLUDES THE CREATION OF THE POPLAR LAMINATE INDUSTRY IN THE URBAN AND RURAL AGENDA OF THE PROVINCE

[15/07/2022]

The Provincial Council of Granada has included **the pilot project of a new Bauhaus based on poplar**, to promote and facilitate an industry of structural laminates of local poplar wood in the province, promoting its use in local sustainable construction, with the aim of reducing the impact on climate change and generate a circular economy and proximity and industrial green jobs, while increasing wooded areas.



ACTIVIDADES
Ejecución del proyecto piloto Nueva Bauhaus basada en la industria de los laminados estructurales de madera de chopo.

Fig 14. Presentation of the New Bauhaus pilot project based on poplar

THE UNIVERSITY OF GRANADA ASSIGNS LIFE WOOD FOR FUTURE RESEARCHERS SPACE IN THE EMBLEMATIC SAN ISIDRO DE LA VEGA DE GRANADA SUGAR MILL

[19/07/2022]

LIFE Wood for Future researchers will be the first to be installed in the new spaces of the **BIC industrial building of the San Isidro Sugar Factory**.



Fig 15. Azucarera de San Isidro

This is an **emblematic building where the white revolution, or beet revolution, began in the Vega de Granada**, which had 14 similar sugar factories throughout the province of Granada at the end of the 19th century.





EXPERIENCE EXCHANGE WITH LIFE ÁGUA DA PRATA

[23/07/2022]



Fig 16. Members of the LIFE project generating synergies with the Municipal Chamber of Évora

Networking day between the projects LIFE Água da Prata and LIFE EcoTimberCell and LIFE Wood for Future, taking advantage of the visit of the environmental technician of the City Council of Évora to the PEMADE facilities at the Campus Terra of the University of Santiago de Compostela.

The visit was framed in the exchange of experiences of LIFE projects, to publicize initiatives to mitigate or adapt to climate change. In the case of LIFE Água da Prata, the actions **to promote pilot works of adaptation to climate change for the use of the aqueduct of Évora for the distribution of water** differentiated from the

water supply in the city were detailed, so that this water can supply 50% of the green areas of the city. They also seek **to promote the structural adaptation of the intervened green areas with solutions based on ecosystemic approaches, adapted to the local context. These solutions promote energy savings and water efficiency.**

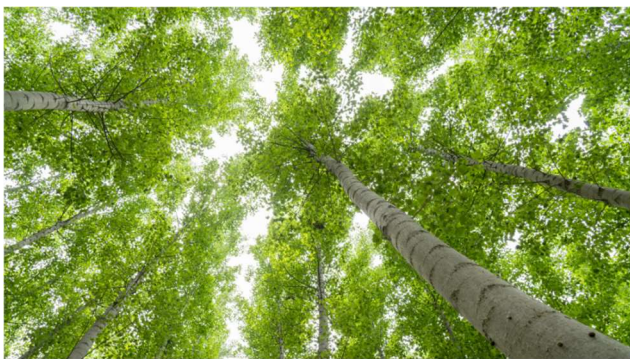
A CONTEMPORARY VISION OF THE POPLAR WOOD DRYING SHEDS OF LA VEGA RECEIVES A MENTION IN THE COMPETITION FOR THE TEMPORARY PAVILION OF THE HUMILLADERO.

[02/08/2022]

LIFE Wood for Future endorsed the candidacy 'Chopo Activo', led by Granada architect Ignacio de Teresa.

The 'Chopo Activo' project, by architects Ignacio de Teresa, Lucía de Molina, Xianjun Zhou and Ignacio Hornillos, has received a mention in the competition for the design of the temporary pavilion of the TAC! Urban Architecture Festival, launched by the Ministry of Transport, Mobility and Urban Agenda (Mitma), in collaboration with the Arquia Foundation. The winning project was 'Aire', by

the Madrid studio P + S, which will be built in the Plaza del Humilladero next fall, on the occasion of the first edition of the festival in Granada. Almost a hundred proposals from all over the world were submitted to the competition, in which another two projects were awarded as finalists and four received mentions “for their architectural quality, as well as for their constructive integrity and coherence,” according to the jury.



TIMBER HARVESTING FOR POPLAR STRUCTURAL CERTIFICATION SUCCESSFULLY COMPLETED

[04/08/2022]

After almost a year of the project, the work of extracting the timber required for the regulatory certification of poplar wood for structural use was completed in August. In total, **timber was extracted from six sources in Spain, two in the Genil Basin (Fuentevaqueros and Santa Fe in the province of Granada), two in the Duero Basin (Valencia de Don Juan and Villaornate in the province of León) and**

two in the Duero Basin (Remolinos in Zaragoza and Marcilla in Navarra).



Fig 17. Timbers harvested for poplar structural timber certification.

MADERA PINOSORIA S.L., AN EXEMPLARY COMPANY FROM SORIA AT THE SERVICE OF RURAL DEVELOPMENT AND SUSTAINABLE CONSTRUCTION WITH WOOD

[11/08/2022]

Sawmills are often small and medium-sized local businesses that process wood for local customers and employ local people, generating employment and local economies in rural areas. They are a perfect example of **sustainable rural development, with a positive impact on the regional and even national economy. At the same time, sawmills allow the use of timber resources in the forest, thus promoting their conservation and reducing their vulnerability to fires and rising temperatures thanks to sustainable forest management. They are also an essential link for a wider ecosystem of companies, for the development of structural timber**

products (laminated timber, cross-laminated timber, structural boxes, etc.).

Promoting the adoption of this model among rural businesses is a priority for the development of different European Union policies in an attempt to conserve the natural environment, stimulate business innovation and create stable employment in the rural world.



Fig 18. Sawmill Madera Pinosoria S.L.

SIXTH MEETING OF THE POPLAR GROWERS' GROUP (ACTION C1-E1)

[11/08/2022]

On June 22 2022, the sixth meeting of the Poplar Producers' Association (Action C1-E1) was held in the Graduation Hall of the School of Building Engineering (Granada), chaired by the Vice President, Juan Carlos Cano, and Patricia Gómez, COSE manager, with interventions by Ma Ángeles Ripoll and other members of the Association's Board of Directors, with approximately 30 people in attendance.



Fig 19. Sixth meeting of the Poplar Growers' Group (Action C1-E1)

In the session, the actions carried out since the last meeting were updated and the following points were reported:

- ✓ Meeting with the Territorial Delegate of Agriculture, María José Martín and her technical team and representatives of the MARJAL Group on June 7 **to promote the cultivation of poplar in these areas of agricultural use through CAP aid or other types of subsidies in order to enhance their recovery and compensate for their environmental benefits.**
- ✓ Meeting with the technical team of PEFC SPAIN and the Board of Directors of MARJAL to begin **to take the first steps in Group Forest Certification** with a view to the valorization of poplar wood in the markets.
- ✓ To plan the **first MARJAL timber auction** for September 2022.
- ✓ And finally, a review was made of the reports and numerous media presence that the Group and the project are having, **reaching a great impact on public opinion through the press, radio, TV and RRSS.**



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