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LIFE WOOD FOR FUTURE

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NEWSLETTER 06



UNIVERSIDAD
DE GRANADA



PROFESSORS AND RESEARCHERS ANALYZE THE ENVIRONMENTAL AND CULTURAL BENEFITS OF POPLAR IN A SEMINAR AT CARMEN DE LA VICTORIA

[01/09/2023]

The rector of the University of Granada, Pilar Aranda, has been appointed Honorary Ambassador of Poplar Groves by the Marjal Producers Association.



Fig 1. Awarding of the title of Honorary Ambassador of Las Choperas to the Rector of the University of Granada, Ms. Pilar Aranda

About twenty professors, researchers, and experts from various fields of knowledge gathered this morning at the Carmen de la Victoria of the University of **Granada to advocate for the environmental and cultural values of poplar groves. This agroforestry crop, deeply rooted in the province, is experiencing a hopeful phase with the promotion of sustainable construction using poplar wood** by the European project LIFE Wood for Future.

THE ALJIBE DEL REY HOSTS A PHOTOGRAPHY EXHIBITION ON GRANADA'S POPLAR GROVES

[01/09/2023]

The **26 photographs selected** in the competition organized by the University and the Marjal producers' association, along with a **sound installation**, are part of the exhibition in the AguaGranada Foundation's hall.



Fig 2. Award ceremony for the winning photographs in the contest

Jesús de la Rosa wins the first prize of 1,000 euros for his photograph 'Desolación', and Jesús Gil Corral the second prize (500 euros) for 'Casetas con choperas de fondo'.





LIFE WFF AND CADWORK TRAIN 15 STUDENTS IN DESIGN, MANUFACTURE AND ASSEMBLY OF WOOD STRUCTURES

[01/09/2023]

In collaboration with the LIFE Wood for Future project and Iberolam Timber&Technology, spinoff of the University of Granada, in April 2023 the company CADWORK gave in the ETS of Building Engineering of the UGR, **the first training course at Andalusian level in design, manufacture and assembly of wooden structures**, under the baton of Cadwork engineer Adrián Eiras Abeledo.



Fig 3. Students attending the first Andalusian training course on design, manufacture and assembly of wooden structures

THE COLLEGE OF ARCHITECTS OF GRANADA SHOWS ITS INTEREST IN NEW LOCAL STRUCTURAL WOOD PRODUCTS

[01/09/2023]

On March 21, 2023, the College of Architects of Granada hosted an **interesting conference entitled "Nature as a transforming**

element of cities", organized by the architect Ana Carvajal, committed to wood construction through the companies Arquigreen and Arquima.



Fig 4. Conference entitled "Nature as a transforming element of cities", organized by architect Ana Carvajal

In the presence of numerous local architects, the professor of Physics Applied to Construction, Antolino Gallego, presented the general ideas of the LIFE Wood for Future project **and the benefits of mixed poplar-pine and wood-concrete structural products for long-span and high-rise construction**, as well as the plan for their transfer and marketing through the Iberolam Timber&Technology business project as a spinoff of the University of Granada. Architects, as prescribers, play a key role in the value chain of timber for construction and therefore for the commercial success of these products.

THE REGIONAL GOVERNMENT OF ANDALUSIA INCLUDES FOR THE FIRST TIME THE POPLAR TREE OF GRANADA IN ITS INDUSTRIAL WOOD PLAN

[01/09/2023]

The Secretary General of Industry and Mines, Cristóbal Sánchez, emphasizes that the CRECE plan will promote the use of wood as an "environmentally sustainable, renewable, recyclable and socioeconomically beneficial" material.

Producers, owners and researchers welcome this opportunity to promote a wood industry for sustainable construction that promotes development in rural areas and guarantees the survival of the forest masses.

LIFE WOOD FOR FUTURE INSPIRES, TOGETHER WITH THE ANDALUSIAN FORESTRY ASSOCIATION, THE PROGRAM TO PROMOTE THE USE OF WOOD IN ANDALUSIA

[02/09/2023]

On June 12, 2023, the Governing Council of the Government of Andalusia took cognizance of the "**Program to Promote Timber Harvesting in Andalusia**", promoted by the Directorate General of Forestry Policy and Biodiversity, which is a **milestone in the democratic history in terms of change in the policy of Andalusian forest management.**

This program arises largely due to the drive and knowledge transfer that the LIFE Wood for Future project has been actively carrying out for almost two years along the entire value chain, which brings together forest owners, forestry professionals (AFA-Profor), knowledge agents, industry, the construction sector and public administration.



Fig 5. Attendees at the "Program for the Promotion of Timber Harvesting in Andalusia" conference.

LIFE WFF AS A CATALYST FOR THE ANDALUSIAN TIMBER QUALITY PLAN

[11/09/2023]

On September 7 and 8, the Pablo Olavide University organized an interesting conference on the Andalusian Timber Quality Plan, which brought together **more than 130 people from the different links in the value chain.**

Patricia Gómez, COSE, highlighted the role of forest owners as a key link in forest management. In this regard, she gave as an example the Marjal group of poplar producers, which emerged from the LIFE project, as well as its scientific collaboration and transfer with IFAPA.

UGR USES LOCAL WOOD AND ITS OWN TECHNOLOGY IN THE RESTORATION OF THE ROYAL HOSPITAL

[27/09/2023]

During the month of September 2023, the restoration works of the Patio de la Capilla del Hospital Real, headquarters of the Rectorate of the University of Granada (UGR), the great work that has allowed the 'resuscitation' of this emblematic architectural space, were completed. The Granada company Dávila Restauración de Monumentos has undertaken the reform of the original slabs of the courtyard, from the 16th century, since several of the wooden beams were fractured by the overload of a stone staircase added in the first half of the 20th century.

Given the need to respect the original type of material (wood) and the impossibility of increasing the size of the beams, the Annona Arquitectura studio, in charge of the restoration project, and the Structural Wood Research Unit of Andalusia (UIMA) of the School of Building Engineering of the UGR found the solution in an innovative product, the laminated beams reinforced with carbon fiber.

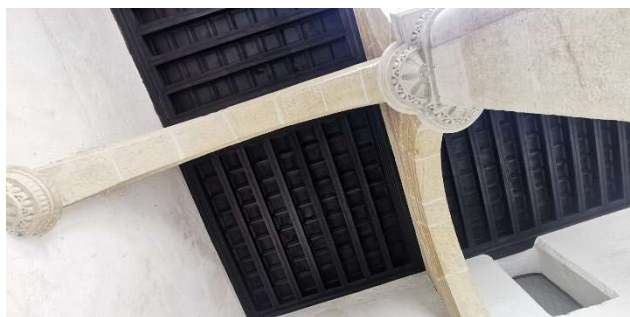


Fig 6. Restoration work on the Patio de la Capilla del Hospital Real, headquarters of the Rectorate of the University of Granada

ROTHOBLASS AND LIFE WOOD FOR FUTURE JOIN FORCES TO TRAIN SOME THIRTY WOOD STRUCTURE ASSEMBLERS IN ANDALUSIA

[08/10/2023]

About thirty students have received training in the assembly of wooden structures between 29 and 30 September 2023 at the ETS of Building Engineering of the University of Granada from the hands of the large and experienced technical team of the Italian company Rothoblass.



Fig 7. Attendees at the training course on the assembly of wooden structures by the Italian company Rothoblass

In the words of the company's manager in Spain, Manuel Hernández, **the course has been a total success in terms of its reception, far exceeding our expectations, in a community where wood construction has not yet reached the levels of other Spanish communities.** With almost 40 applications, it has been necessary to limit access to the course, which demonstrates the growing interest in the sector in the South of Spain.

SEMINAR AND PHOTOGRAPHIC EXHIBITION 'THE POPLAR TREE, A SOURCE OF ENVIRONMENTAL AND CULTURAL BENEFITS' IN GUADIX

[11/10/2023]

The School of Art of Guadix hosted on Monday, October 9, the seminar 'The poplar, a source of environmental and cultural benefits', in which ten teachers, researchers and specialists have exposed the positive impact that this crop so rooted in the region of Accitana has on biodiversity, air cleanliness and soil quality.



Fig 8. Seminar "El Chopo, a source of environmental and cultural benefits" held in Guadix

POPLAR GROVES AND SUSTAINABLE MOBILITY FOR POLLUTION ABATEMENT

[05/11/2023]

On October 28th, the coordinator of the LIFE Wood for Future project participated as a keynote speaker at a round table organized by the Granada-based company Audi Nuclea to promote mobility with electric vehicles.



Fig 9. Round table for the promotion of mobility with electric vehicles chaired by Prof. Antolino Gallego

In it, Professor Antolino Gallego exposed the need to act, invest and promote the expansion of poplar groves, sustainable public transport and the use of electric cars, as efficient measures to combat pollution in the metropolitan area of Granada. And all this under the umbrella of an education of citizens aimed at greater use of public mobility, walking or using a bicycle or scooter, and being aware of the impact of using the car.

THE IES HERMENEGILDO LANZ HOSTS THE EXHIBITION OF PHOTOGRAPHS OF THE POPLAR GROVES

[05/11/2023]

On Friday, November 3, and on the occasion of the forged on innovation Tecnofest-23, the Hermenegildo Lanz High School began to host the photographic exhibition of the poplars of Granada, winners and mentioned in the I Poplar Photography Contest of the Agrupación Marjal, the LIFE Wood for Future project and the Cívitas-UGR Chair 'Sustainability, Innovation and Development'.



Fig 10. Exhibition of photographs of poplar groves at the IES Hermenegildo Lanz

Professor Consuelo Vallejo, curator of the exhibition, **stressed the importance of the poplar's values reaching new generations in schools and secondary schools.** The exhibition has been on display for two weeks at the center.

PEMADE PRESENTS MCLAM STRUCTURAL PRODUCTS TO NAVARRRE'S TIMBER INDUSTRY ENTREPRENEURS

[12/11/2023]

Professor Manuel Guaita, director of USC-Pemade, **presented the model for the valorization of local wood in the structural products MCLam and MCLam BS** at a conference organized by the Association of Wood Entrepreneurs of Navarra (ADEMAN).



Fig 11. Conference for the presentation of structural products organized by the Association of Wood Entrepreneurs of Navarre

In his speech, **Professor Guaita defended the mixture of species in the same product as a way of promoting the biodiversity of the territory, thus stimulating the diversification of uses and the resistance of the forest to possible pests.** The mixed poplar and pine MCLam product are a good example of this. The characterization of local species is also a challenge for the sector for its diversification and sustainable growth.

HISPANIDAD HIGH SCHOOL IN SANTA FE LEARNS ABOUT THE LIFE WOOD FOR FUTURE PROJECT

[21/11/2023]

100 students from the La Hispanidad High School of Santa Fe learned first-hand about the LIFE Wood for Future project through a talk given by its coordinator, Prof. Antolino Gallego, on Tuesday, November 21, 2023.





Fig 12. Students of the La Hispanidad High School of Santa Fe

Starting from the history of poplar, a crop born nationally in Santa Fe through D. Diego Liñan in the late nineteenth century, Prof. Gallego **has outlined the environmental benefits of poplar and the opportunity of this economic sector to return to the construction of our homes through structural technical wood products.**

TOWARDS AID FOR POPLAR CULTIVATION: LINE OF WORK WITH THE DELEGATION OF AGRICULTURE IN GRANADA

[22/11/2023]

The coordinator of the LIFE Wood for the Future project, in its eagerness and objective to influence policies to improve the quality of life of citizens and the state of the Planet, had November 21 a working meeting with the Delegate of Agriculture, Fisheries, Water and Rural Development of the Junta de Andalucía in Granada, Ms. María del Carmen Reyes, along with her technical team. On the table the **reactivation of the implementation of aid for poplar cultivation in the new CAP schemes.**



Fig 13. Working meeting with the Delegate of Agriculture, Fisheries, Water and Rural Development of the Junta de Andalucía in Granada, Ms. María del Carmen Reyes, together with her technical team

Due to its environmental values (accelerated absorption of CO₂, biodiversity, water filtering, air filtering, oxygen emission, softening of temperatures, consolidation of the soil and its quality, stabilization against river floods, etc.) poplar deserves as much as any other crop to receive this aid, which other crops receive that do not even come close to providing the eco-systemic services that poplar provides to society as a whole and to the planet. This situation makes poplar lose competitiveness compared to other annual rotation crops and is tremendously unfair.

STUDENTS FROM IES ARABULEILA PLAY THE MCLAM PRODUCT MADE OF ANDALUSIAN WOOD

[24/11/2023]

On November 24, 50 students from the Institute of Secondary Education Arabuleila (Cúllar Vega) of the technological branch visited the facilities of the UIMA (Wood Research Unit of Andalusia) and the LIFE Wood for the Future project.



Fig 14. Students from the Institute of Secondary Education Arabuleila (Cúllar Vega) at the UIMA facilities

Under the guidance of Dr. Francisco Rescalvo, the students learned about **the benefits of the combination of species such as laricio pine and poplar in the MCLam product, as well as their locations within the Andalusian geography and the possibilities of using the resource that this entails.**

THE MUNICIPALITY OF SANTA FE WILL CEDE THE OLD SEÑOR DE LA SALUD SUGAR MILL TO A SPINOFF OF THE UNIVERSITY OF GRANADA TO MANUFACTURE POPLAR WOOD PRODUCTS FOR SUSTAINABLE CONSTRUCTION

[30/11/2023]

IberoLam Timber&Technology will rehabilitate the 19th century building to install its factory and will create a poplar interpretation center and a training classroom in the Vega de Granada.

The rector, Pedro Mercado, emphasizes that the LIFE Wood for Future project is an example of the social function of the University to put excellence, innovation and talent at the service of society.



Fig 15 Old Señor de la Salud sugar mill ceded to the spinoff of the University of Granada, IberoLam Timber&Technology

ASSEMBLY BEGINS IN OGÍJARES OF THE FIRST HOUSE IN SPAIN BUILT WITH POPLAR PLYWOOD

[04/12/2023]

The pilot private house of the LIFE Wood for Future project **incorporates laminated beams of poplar wood from the Vega de Granada and laricio pine from the Sierra de Cazorla** designed by the UGR spinoff IberoLam Timber & Technology.



Fig 16. Pilot house of the LIFE Wood for Future project incorporating laminated poplar wood beams from the Vega of Granada

A family from Zaidín neighbour **promotes this ecological and almost zero consumption house in which the materials and thermal insulation allow energy savings of 80%.**

THE ANDALUSIAN FORESTRY SECTOR WELCOMES THE EU'S BOOST TO TIMBER CONSTRUCTION AND THE DUBAI CLIMATE SUMMIT

[21/12/2023]

At the Dubai Climate Summit (COP28), a group of 17 countries promised to adopt strong policies to **"support decarbonized construction and increase the use of wood**

from sustainable forestry in buildings", taking into account that more than a third of global CO₂ emissions come from this sector.

The use of local wood in construction is a vital **strategy in the decarbonization of the sector, in addition to protecting forests**, creating quality employment and combating depopulation.

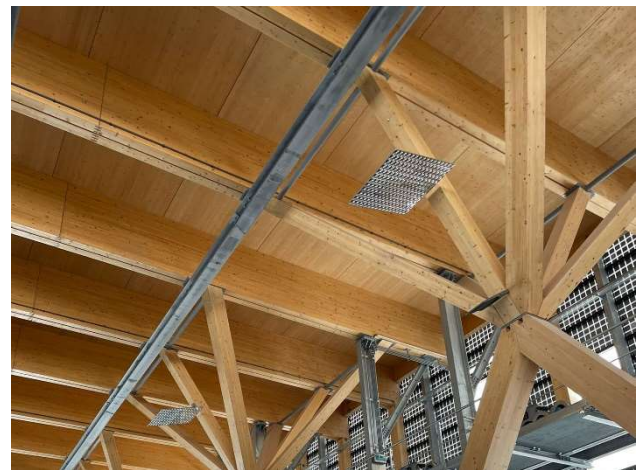


Fig 17. Wooden building



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