



This project has received funding from the European Union's LIFE programme LIFE20 CCM/ES/001656



LIFE WOOD FOR FUTURE

January 2023 – April 2023

NEWSLETTER 04



UNIVERSIDAD DE GRANADA



PLATAFORMA DE ENXEÑERÍA DA MADEIRA ESTRUCTURAL



3edata

GRANADA PREPARES SCIENTIFICALLY TO LAUNCH A WOOD-BASED INDUSTRIAL ECOSYSTEM

[15/01/2023]

Granada is scientifically prepared to launch an industrial ecosystem based on wood.



Fig 1. Presentation of the signing of the protocol to promote the sustainable construction of public housing thanks to the use of poplar and pine

The San Isidro sugar mill as a nerve center for scientific management. The provincial territory and the rest of Andalusia as a space for action to apply the sustainable construction of public housing using poplar and pine wood. The rector of the University of Granada (UGR), Pilar Aranda, and the Minister of Development, Marifrán Carazo, **signed yesterday the protocol that bets on the use of wood in public housing and go a step further.**

120 STUDENTS FROM IES POLITÉCNICO HERMENEGILDO LANZ RECEIVE LIFE WOOD FOR FUTURE

[18/01/2023]

On January 17, 2023, an informative talk took place at the IES Politécnico Hermenegildo Lanz in Granada, to publicize **the LIFE Project "Wood for the future", of great importance for the sustainable revitalization of the Vega de Granada.** It was given by the project coordinator and professor of applied physics at the UGR, Antolino Gallego.

It was attended by about 120 students from **different higher and intermediate vocational training cycles**, from the specialties of Organization and Control of Works, Building Projects, Bodywork, Automotive and Electrotechnical Installations, together with their teachers.

MORE WOOD! OR THE HISTORIC OPPORTUNITY FOR NEW FORESTRY

[23/01/2023]

During the 19th century, with the development of the iron and steel and metallurgical industries, the rise of iron and steel as materials for construction and other purposes destabilized the traditional use of wood in Spain, **reducing its local demand and excluding this noble material, historically**

excluding this noble material, historically and culturally linked to human progress, from the economic and social transformations that were to come in our country.



Fig 2. Wooden structures in Andalusia

In Andalusia there is a historical, social and economic opportunity brewing in relation to the new uses of wood in the industry, which can and should add forestry as its best ally in the management of the forest, true "kilometer zero" of a process that is based on the conservation of its renewable natural resources. The Andalusian forestry sector can and must lead the cultural and political change that this historic moment requires: it is time to decide whether we want to be in the locomotive, with the best in Europe, or in the caboose, as we are now. **It is time to shout "more wood!" and to give our all for the future of the Andalusian forests and their people.**

LIFE WOOD FOR FUTURE RECEIVES STUDENTS FROM THE CONSTRUCTION SECTOR AT PEMADE USC

[27/01/2023]

On Thursday January 27, 2023, a group of students studying dual vocational training in the cycle "Interior works, decoration and rehabilitation" in the CIFP Coroso-Ribeira (province of A Coruña) have known the LIFE Wood for Future through various activities carried out in the facilities of the Structural Wood Engineering Platform (PEMADE) integrated in the University of Santiago de Compostela and located in the EPSE in the campus of Lugo; visit made at the request of their accompanying teacher José María Jiménez Bernal.



Fig 3. Dual vocational training students of the cycle "Interior works, decoration and rehabilitation" in the CIFP Coroso-Ribeira know the LIFE Wood for Future project in PEMADE

WORKING GROUP APPROVED AT THE SUSTAINABILITY DEPARTMENT TO DEVELOP A MODEL FOR POPLAR GROVE MANAGEMENT

[28/01/2023]

At the initiative of COSE and Marjal, the Directorate General of Forestry Policy and Biodiversity of the Ministry of Sustainability, Environment and Blue Economy of the Junta de Andalucía, **has approved the creation of a Working Group to support the technical and administrative work for the development and approval of a standard model of Sustainable Forest Management for poplar plantations in Andalusia.**



Fig 4. Poplar plantations in Andalusia that will benefit from the model of Sustainable Forest Management for Poplar Plantations in Andalusia

This is a historic milestone in Andalusia, as the first necessary step towards **obtaining the seal of Sustainable Forest Certification** for Andalusian poplar plantations, thus fulfilling one of the objectives set by the LIFE Wood for Future project

A STRONG AND ENTHUSIASTIC ANDALUSIAN FORESTRY SECTOR IS THE BEST GUARANTEE FOR THE SUCCESS OF LIFE WOOD FOR FUTURE

[05/02/2023]

The Assembly of the AFA (Andalusian Forestry Association) yesterday in Algodonales (Cádiz) breathed a powerful air of hope based on an intense and wise work in 2022 captained by its president Gabriel A. Gutiérrez Tejada. The river of a common project based on forest management and the sustainable use of the forest and poplar groves is rising gently but steadily. The fine rain also produces springs. Professionals and forest owners together for a real and sustained Green Revolution and revitalization of the villages of the Andalusian mountains and the fight against depopulation. There is no greater injustice than having to leave your village and your origins for lack of opportunities.



Fig 5. Assembly of the Andalusian Forestry Association (AFA) on February 4, 2023 in Algodonales (Cádiz)



THE PRESIDENT OF IFAPA KNOWS THE PROGRESS AND FUTURE CHALLENGES OF LIFE WOOD FOR THE FUTURE

[10/02/2023]

The President of IFAPA, Ms. Marta Bosquet, former president of the Andalusian Parliament, has known firsthand at the IFAPA Camino del Purchil center the progress of the project in the year and a half of activity.



Fig 6. Visit of the demonstration plots of the project with the president of IFAPA Mrs. Marta Bosquet.

After three hours of technical meeting and final visit to the demonstration plots, Marta Bosquet has known the scope of the project and **the important role that IFAPA has played, plays and will play to build a value chain of structural technical wood in Andalusia with poplar as a driving species** grown on agricultural land in the fertile plains of Granada and Andalusia.

LIFE WOOD FOR THE FUTURE AND THE CHAMBER OF COMMERCE WILL COLLABORATE FOR THE TRANSFER OF THE PROJECT TO GRANADA'S INDUSTRIAL FABRIC

[16/02/2023]

LIFE Wood for the Future researchers and poplar producers from Marjal met Tuesday, February 14 with Roberto Álvarez and his team of Innovation and Digital Transformation of the Official Chamber of Commerce, Industry, Services and Navigation of Granada.



Fig 7. Meeting at the Chamber of Commerce of UGR researchers with Roberto Álvarez and his team of Innovation and Digital Transformation of the Official Chamber of Commerce, Industry, Services and Navigation of Granada

During an extensive meeting, **the strategic plan for the transfer, manufacturing and commercialization of the new innovative structural poplar and pine wood products developed in the LIFE project** through a

spinoff company of the University of Granada, using the San Isidro Sugar Factory as a launching base, was presented and discussed.

40 STUDENTS AND TEACHERS RECEIVE LIFE WOOD FOR FUTURE WITHIN THE FRAMEWORK OF THE ERASMUS + ACT FOR ENVIROMENT PROGRAM

[20/02/2023]

The past February 16, 2023 has taken place at the Centro Cultural CajaGranada Memoria de Andalucía in Granada, an event under the Erasmus + Program "Act For Enviroment" with **the assistance of students and teachers from training centers in Romania, Portugal, Croatia, Greece and the centers IES Hispanidad of Santa Fe and IES Angel Ganivet of Granada**, in which the teacher Ana Maria Cruz Valdivieso has presented the LIFE Project "Wood for the future" as a tool for the maintenance of poplar groves and the sustainable revitalization of the Vega of Granada.



Fig 8. Presentation of the LIFE WOOD FOR FUTURE project at the CajaGranada Cultural Center Memoria de Andalucía

LIFE WOOD FOR FUTURE CELEBRATES ONE AND A HALF YEARS OF LIFE

[01/03/2023]

After 18 months of work, the LIFE Wood for Future project has exceeded 4,000 attendees at project events and 300 news items in the written or digital press. The poplar, the tree of the people, was also the protagonist in the Inaugural Lecture of the Academic Year at the University of Granada in September 2022.



Fig 9. Pile of poplar wood

A success in terms of dissemination and impact that is also endorsed by important milestones such as the creation of a Public Certified Plant Nursery, the promotion of three private nurseries, the creation of the Marjal Owners Group and demonstration plots, a high level of progress in the development of the Poplar Grove Management Plan, a high level of compliance with the mechanical characterization of poplar for its entry into the standard and the new structural products.

LIFE WOOD FOR FUTURE PRESENTS ITS SPINOFF MODEL AT SANNAS BUSINESS ASSOCIATION

[01/03/2023]

On February 17, Francisco Rescalvo, PhD of the University of Granada, presented at the event Cosecha Sannas the spinoff strategy to launch from the LIFE Wood for Future project an industrial ecosystem based on local wood in Andalusia. The event was held at the Espacio Breaker-UGR Emprendedora in front of an audience of 30 people.



Fig 10. Presentation of the spinoff strategy to launch from the LIFE Wood for Future project

CONSTRUCTION OF THE DEMONSTRATION BUILDING AT LA AZULEJERA ANNOUNCED

[03/03/2023]

The Consejería de Fomento, Articulación del Territorio y Vivienda de la Junta de Andalucía is promoting through AVRA (Agencia de la Vivienda y Rehabilitación de Andalucía) **announced the construction of a pilot demonstration building of the mixed wood-concrete prefabricated product,**

MCLamBS, developed in the LIFE Wood for Future project.



Fig 11. Promotion of the construction of a pilot demonstration building of the mixed wood-concrete prefabricated product, MCLamBS, developed in the LIFE Wood for Future project.

This was announced the past March 3rd, 2023 by the Councilor Marifrán Carazo, the General Director of AVRA, Juan Carlos del Pino, and the project coordinator, Antolino Gallego, a professor at the University of Granada.

FORESTRY AND CONSTRUCTION SECTORS UNITE IN A CONFERENCE IN CAZORLA

[06/03/2023]

Before ninety attendees, the Teatro de la Merced in Cazorla, hosted on March 3 a conference on the opportunity of wood and forestry in the construction sector, **which aims to give economic value to the forest under a sustainable use and fight against the unstoppable depopulation in the area and promote prevention against major fires.** Organized by AFA-Profor and LIFE Wood for Future.



Fig 12. Conference on the opportunity of wood and forestry in the construction sector

The event was inaugurated by the Mayor of Cazorla, as a beautiful host city of the event, the Deputy of Infrastructures of the Provincial Council of Jaén, the territorial Delegate of the Ministry of Sustainability, Environment and Blue Economy and the Director General of Forestry Policy of the Junta de Andalucía. They all highlighted the opportunity of construction as an engine for the future of this region through the use of timber, compatible with the maintenance of biodiversity and the conservation of the forest.

A WOMAN AT THE FOREFRONT OF POPLAR GROVE RECLAMATION

[09/03/2023]

Businesswoman and nature lover, Victoria Carreras presides over the Marjal producers' group, with a triple environmental, social and economic objective.



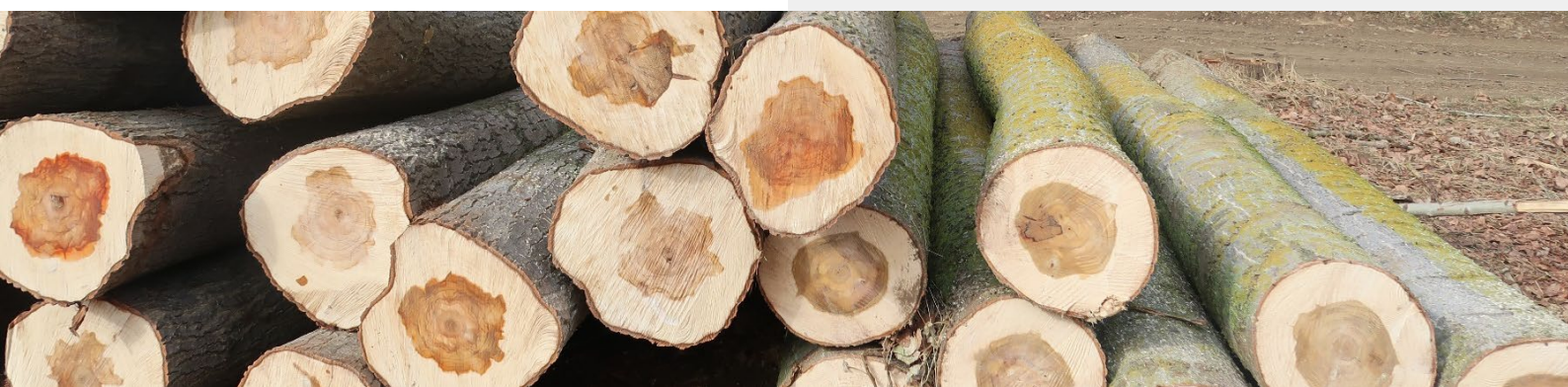
Fig 13. Victoria Carreras, presindet of Marjal Association

Hope for the popluculturists -with some 4,000 hectares, mostly in the Vega and in the northern part of the province- came from the European project of the University of Granada LIFE Wood for Future, **which aims to improve the quality of wood to transform it into beams and other structural elements in sustainable and industrialized construction.**

LIFE WFF COLLABORATES WITH THE CENTRO DE CAPACITACIÓN Y EXPERIMENTACIÓN FORESTAL DE CAZORLA

[11/03/2023]

Members of the LIFE Wood for Future team have participated on March 11th,2023 in a day of field practices on timber harvesting with students of the higher-level training cycle "Higher Technician in Forestry and Natural Environment Management" of the Center for Forestry Training and Experimentation of Cazorla, located in Vadillo-





Castril within the Natural Park of the Sierra de Cazorla Segura and Las Villas and managed by the Junta de Andalucía. Members of AFA-Profor, Environmental Agents of the Park, the Territorial Delegate of Sustainability, Environment and Blue Economy in Jaén, the Director of the Park and members of the Dentrolavide laboratory of the Pablo de Olavide University of Seville have also participated in the conference.



Fig 14. Participants of field practices on timber harvesting

POPLAR GROVES CONTINUE TO BE PLANTED IN THE MARSHLANDS

[13/03/2023]

Last Saturday, March 11, ended one of the most representative demonstration plantations of the LIFE Wood for the Future project implemented within the COSE actions.

Specifically, the plantation of the family of architects De la Torre-Castellano, located in the upper valley of the Genil River. With spring knocking at the doors and a new year of harsh drought, a large group of Marjal group

members, project members, friends and relatives of the owners met to plant the vegetation band of this pilot plantation, formed by specimens of populus nigra (Lombardy poplars), in line with the lane of continuous enjoyment of the citizens.



Fig 15. Members, friends and relatives of the owners met to plant the vegetation band of this pilot plantation

NOCLA DEMONSTRATION FARM ENTERS ITS SECOND YEAR OF PLANTING

[15/03/2023]

Just over a year ago 430 poplars were planted in "La Nocla", only a month and a half after the farm had been ceded by the City Council of Granada to Salvemos la Vega-Vega Educa, as a demonstration plot of the project "LIFE Wood For Future", led by the UGR and in which we have actively participated since its gestation.



Fig 16. Plantation of La Nocla

Already 559 poplars and 105 walnut trees have been planted, 4 experimental orchards and 3 educational orchards have been set up and about 2,500 species, including aromatic plants, shrubs and fruit trees, are currently being planted.

LIFE WOOD FOR FUTURE LAUNCH VIDEO UNVEILED IN SOCIETY

[19/03/2023]

The video of the launching of the LIFE WOOD FOR FUTURE project presented on March 17, 2023 at the Carmen de la Victoria of the University of Granada is now available for download.

THE ANDALUSIA WOOD QUALITY PLAN

[21/03/2023]

The LIFE Wood for Future project is part of the Andalusian Wood Quality Plan promoted by the Ministry of Sustainability, Environment and Blue Economy of the Regional Government of Andalusia, at the initiative of the forestry sector through AFA-Profor, and with the participation of the Dendrolavide

Laboratory of the Pablo de Olavide University of Seville.

CONSUELO VALLEJO AND JOSÉ LÓPEZ MONTES TALK ABOUT POPLAR GROVES

[21/03/2023]

The interview to the Composer José López Montes, Professor of the Conservatory of Music of Granada, and to the professor of the Dept. of Painting of the UGR, Consuelo Vallejo, about the Photographic Exhibition on the poplar groves in the Aljibe del Rey (Granada) is now available. Photography and soundscape united hand in hand.



Fig 17. The composer José López Montes and Consuelo Vallejo on the photographic exhibition of poplar trees in the Aljibe del Rey (Granada)

TREES, WATER AND WOOD: A TRIANGLE FOR SUSTAINABILITY

[02/04/2023]

The LIFE Wood for the Future project has participated the past April 2nd, 2023 in the round table "Trees, water and wood: A triangle for sustainability" within the Sustainability Fair 2023 held in Granada between 30 and 31 March.



Fig 18. Participation of the LIFE WOOD FOR FUTURE project in the Sustainability Fair 2023

The fair was organized by the Chamber of Commerce of Granada with the sponsorship of the Junta de Andalucía and the collaboration of various entities such as the Diputación de Granada, the University of Granada and the La Huella Verde movement.

19 NEW PROFESSIONALS TRAINED IN THE CALCULATION OF WOOD STRUCTURES

[14/04/2023]

With the sponsorship of the Cívitas-UGR Chair of Sustainability, Innovation and Development and the College of Quantity Surveyors and Technical Architects of Granada, **the second edition of the Diploma in Calculation of Wood Structures Applied to Projects, organized within the framework of the LIFE Wood for Future project** under the umbrella of the International Graduate School and the School of Building Engineering of the University of Granada, was successfully completed this April.

The official Diploma of 8.5 credits was attended by 19 students in this second edition, coming from different degrees in the field of

Architecture, Building Engineering and Civil Engineering.



Fig 19. Students and attendees of the Diploma in Timber Structures Calculation

BENARRABÁ, IN THE GENAL VALLEY (MÁLAGA) HAS HOSTED A TECHNICAL CONFERENCE ON THE ANDALUSIAN WOOD QUALITY PLAN

[23/03/2023]

The Malaga town of Benarrabá, in the Genal Valley, has hosted on 21 and 22 April the first technical conference on the Wood Quality Plan of Andalusia, the result of the alliance between the Andalusian Forestry Association (AFA-Profor), the European project LIFE Wood for the Future and the DendrOlavide laboratory of the Pablo de Olavide University in Seville, with the support of the Ministry of Sustainability, Environment and Blue Economy of the Andalusian Government.

The meeting has highlighted the growing demand for structural technical wood products in Andalusia, where an incipient industry is emerging to take advantage of local resources instead of importing them.



www.life-woodforfuture.eu



UNIVERSIDAD
DE GRANADA



3edata