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LIFE WOOD FOR FUTURE

NEWSLETTER

01

September 2021 – April 2022













LAUNCHING OF THE EUROPEAN PROJECT LIFE WOOD FOR FUTURE

[24/09/2021]

Last Friday, September 24, 2021, the Rector of the University of Granada, Pilar Aranda, chaired the launching ceremony of the European project LIFE Wood Future for the recovery of the poplar groves of the Vega de Granada to improve the environment, biodiversity and promote the economy, industry and low-carbon construction in the province of Granada through the development and demonstration of new structural products based on poplar wood.

The project, coordinated by the University of Granada, counts among its partners the Plataforma de Ingeniería de Madera Estructural (**PEMADE**) of the University of Santiago de Compostela (**USC**), the Confederación de Organizaciones de Selvicultores de España (**COSE**), the Diputación provincial de Granada and the forestry spin-off 3edata.



Fig 1. Representatives of IFAPA, la OTRI, UGR, ACC, ACP and COAMBA attending the project presentation ceremony

t also has as local partners the Institute for Agricultural and Fisheries Research and

Training of Andalusia (**IFAPA**), the nongovernmental organizations Salvemos la VegaVega Educa and the Association of Trees against Climate Change (ACCC), and the Technological Corporation of Andalusia (CTA).

LIFE WOOD FOR FUTURE MEETS WITH LANDOWNERS IN THE VEGA OF GRANADA

[25/09/2021]



Fig 2. Owners of poplars from Vega de Granada together with the members of the project in $\ensuremath{\mathsf{IFAPA}}$

Francisco Carreño, President of the Confederación de Organizadores de Selvicultores de España (COSE), opened the conference by highlighting the **importance of partnerships to facilitate sustainable forest management of poplar groves and access to a carbon credit market**.

Patricia Gómez, manager of COSE, was in charge of presenting the LIFE Wood for Future project to the landowners, which aims to recover the poplar groves of the Vega de Granada by contributing to the improvement of biodiversity and long-term carbon sequestration with structural bioproducts. In his participation, **he explained to the**



attendees the advantages of joining the Ecoproducers Group that is intended to be created within the framework of the project.

CEULEMANS HIGHLIGHTS THE IMPORTANCE OF POPLAR AS A GREENHOUSE GAS REDUCER UNDER LIFE WOOD FOR FUTURE [01/10/2021]

On October 1, 2021, a scientific talk entitled "Short-rotation forestry for bio-energy reduces greenhouse gas emissions and contributes to climate change mitigation" was given by **Prof. Dr. Reinhart Ceulemans, professor emeritus at the University of Antwerp** (**Belgium**), held in the CEAMA Conference Room and broadcast live via Google Meet.



Fig 3. Representatives of the LIFE WOOD FOR FUTURE project pose together with Professor Dr. Reinhart

This talk was part of the dissemination activities of the LIFE Wood for Future project. In it, the results of the research carried out by Prof. Ceulemans for several years, focused on the **role of poplar in the reduction of greenhouse gases and its contribution to climate change mitigation**, highlighting the ERC Advanced Research Grant POPFULL project, were presented. THE LIFE TIMBER FOR THE FUTURE PROJECT PROPOSES TO TO **RECOVER THE POPLAR GROVES OF** LA VEGA AS A SHOCK PLAN AGAINST POLLUTION IN THE METROPOLITAN AREA [14/10/2021]

The LIFE Wood for Future/Madera para el Futuro project, which has just obtained funding from the European Union's LIFE Program [LIFE 20 CCA/ES/001656], has proposed to Granada's institutions to collaborate in a shock plan to recover the poplar groves of the Vega as an effective instrument in the fight against air pollution in the Metropolitan Area of Granada. Poplars, a fast-growing species, absorb a large amount of CO2 and polluting gases from urban traffic and create a cooler and more humid microclimate.

Granada, the third most polluted city in Spain, has lost 75% of its poplar groves in the last 20 years, a volume of trees that at the beginning of the 21st century was capable of absorbing CO2 from almost 400,000 vehicles.





LIFE WOOD FOR FUTURE PARTICIPATES IN THE INTERNATIONAL POPULUS 360 CONFERENCE

[20/11/2021]

The LIFE Wood for Future project team POPULUS participated the 360 in International Conference held on October 21 and 22, 2021 at the School of Agricultural and Forestry Engineering located in the Ponferrada Campus of the University of León. The conference was characterized by the presence of professionals of the sector who are referents in Spain, Italy, Belgium, Chile and Argentina, and discussed topics on: product, management models, health, genetic improvement and sustainability, in addition to analyzing the current reality and prospects of the sector.

The coordinator of the LWFF project, Prof. Antolino Gallego, presented the project and a paper entitled "Mechanical characterization of I214. Technical structural wood products".



Fig 4. Leading professionals in the sector in Spain. Italy, Belgium, Chile and Argentina in the conference at the ULe

LIFE WOOD FOR FUTURE PRESENTS ITS IDEA OF POPLAR LAMINATE INDUSTRY AT THE ENGINEERS ASSOCIATION GRANADA FUTURO

[11/12/2021]

The working group "Granada Futuro", formed by industrial engineers and entrepreneurs, within COIIAR, aims to generate and transfer ideas related to industrial development in Granada, its metropolitan area and province. At this meeting, at the initiative of Granada Futuro, Professor Antolino Gallego (UGR) presented the LIFE Wood for Future project, showing the prototypes of structural bioproducts that are intended to bring to market, after which a broad discussion was established on the objectives of LIFE Wood for Future in terms of its business strategy and marketing of structural products MCLAM and MCLAM_BS of low carbon footprint in the construction sector.

LIFE WOOD FOR FUTURE AT THE 1ST INTERNATIONAL CONGRESS ON LOCAL ACTION ON CLIMATE CHANGE

[12/12/2021]

The I International Congress of Local Action against Climate Change, organized by the Granada Climate Board, was held in Granada from November 8 to 13, 2021. Its objective has been to address how the urban environment can confront new climate reality through mitigation / adaptation policies that encompass all agents. It has had the presence of representatives from different countries and cities, members of the Administration, the University, politics and different civil society organizations.

The LIFE Wood for Future project, with Elisabet Suárez as speaker, participated in the session "Projects for mitigation and adaptation to climate change in Granada".

CHAMBER OF COMMERCE OF GRANADA AND LIFE WOOD FOR THE FUTURE HIGHLIGHT THE BUSINESS OPPORTUNITY OF THE POPLAR WOOD INDUSTRY FOR BUILDINGS

[18/12/2021]

Chamber Granada has hosted this Friday the conference **'Industry for sustainable construction with wood'**, in which the LIFE Wood for Future/Madera para el Futuro project

has presented to 50 entrepreneurs and investors the business opportunity that would represent in Granada the installation of a factory of laminated poplar beams for sustainable construction. The Association of Builders and Developers of Granada and the Andalusian Sustainable Construction Cluster collaborated in the organization of the event.



Fig 5. Speakers of the conference posing in the Granada $\ensuremath{\mathsf{Chamber}}$

The European Union has recently granted funding to the LIFE project developed by the University and the Provincial Council of Granada together with the University of Santiago de Compostela, the Confederation of Organizations of Foresters of Spain (COSE) and the spin-off 3edata Environmental Engineering. Its objective is the recovery of poplar groves in the Vega de Granada through the valorization of poplar wood by means of new structural technical wood products.

LIFE WOOD FOR **FUTURE** HARVESTS WOOD FROM A POPLAR GROVE **WHOSE** TIMBER FOR **CHARACTERIZATION** AND CONSTRUCTION OF Α **DEMONSTRATION BUILDING** [23/11/2021]



Fig 6. Cut off o fan avenue in Fuente Vaqueros

The LIFE Wood for Future/Madera para el Futuro project, which has obtained funding from the LIFE Program of the European Union [LIFE 20 CCA/ES/001656], this week promotes the cutting of a poplar grove in Fuente Vaqueros, whose wood will be used to build a demonstration building in Granada with structural elements of poplar laminated timber, the first of its kind in Spain. The farm will be included in the project to return to poplar trees under sustainable forest management.

LIFE WOOD FOR FUTURE CREATES SYNERGIES WITH INTERREG EUROPE COLOR CIRCLE

"COLOR CIRCLE is a transnational project, financed by the European Regional Fund Development (ERDF) under the INTERREG EUROPE program, which aims to enable local authorities to play their key role in promoting the circular economy, thanks to their increased contact and collaboration with research centers and **universities.** To this end, the partner entities organize interregional learning workshops, in which a transnational exchange of experiences is carried out, so that each partner can identify at least one of them that can be transferred to its territory, for which the corresponding action plan will be established.

On November 23 and 24, 2021, the Burgundy Franche-Comté Region (France) has organized one of these workshops, where Professor Antolino Gallego (UGR) as coordinator of the LIFE Wood for Future project has presented the basic ideas of this project. This invitation has been extended by the Diputación de Granada, an entity participating in both the Color Circle project and in "LIFE Wood for Future".



SUITANABLE CONSTRUCTION, AN OPPORTUNITY FOR GREEN JOBS

[01/12/2021]

The Conference GranadaEmpleo III: "Employment **Opportunities** and Incorporation of Women in the Construction Sector", organized by the Provincial Council of Granada, Delegation of Employment and Sustainable Development, in collaboration with the Association of Builders Developers of Andalusia and and the Construction Labor Foundation, has analyzed in three Round Tables, the needs of labor and qualification in companies to achieve an improvement in employment in the construction attracting sector, new professionals to meet the employment needs that companies currently have, favoring the labor insertion of women in the construction sector.



Fig 7. Participants in the GranadaEmpleo III Conference

Ana María Cruz, member of Life Wood forFuture and from the University of Granada,participated in the conference as a speaker atRound Table 1: "Transformation ofconstruction.New Trends:Industrialization,sustainability and

technification. Opportunities for the insertion of female workers".

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[05/12/20)21]			



Fig 7. Profesores del Diploma posan en la facultad de Edificación

On December 3, 2021, the first edition of the **Diploma of Wood Structures Calculation Applied to Projects**, organized within the framework of the LIFE Wood for Future project, was closed by the International Graduate School of the University of Granada at the School of Building Engineering. The official Diploma, of 7.5 credits taught in blended mode (15 online and 60 face-to-face hours), was **attended by 15 students from different degrees** in the field of Architecture, Building Engineering.

The Diploma was structured in 5 modules taught by professors from the Universities of Granada and Santiago de Compostela-PEMADE (Plataforma de Ingeniería de la Madera Estructural): Properties of wood as a structural material: Theoretical introduction and calculation software (Dlubal); Seismicresistant timber design; Bar structures; Structures of cross-laminated timber and lightframed timber.



THE PROVINCIAL COUNCIL AND LIFE MADERA PARA EL FUTURO PROMOTE THE COMPREHENSIVE RESTORATION OF 12 KM OF THE DÍLAR RIVERBED IN EIGHT MUNICIPALITIES

[15/12/2021]

The Delegation of Employment and Sustainable Development of the Diputación de Granada has commissioned the drafting of a comprehensive **restoration project of the river Dílar along 12 kilometers of the riverbed, from Gójar to Vegas del Genil**, which will involve the repopulation of the riverbank, currently very deteriorated, with native plants from the Provincial Nursery. The provincial institution thus extends its collaboration with the LIFE Wood for Future/Madera para el Futuro project, which has obtained European funding to recover the poplar groves of the Vega de Granada and promote the creation of a poplar wood industry for sustainable construction.



THE SCHOOL OF ART OF GRANADA OPENS ITS DOORS TO LIFE WOOD FOR FUTURE

[27/01/2022]

Today Wednesday the professor of the University of Granada Antolino Gallego presented the LIFE Wood for the Future project in the Assembly Hall of the School of Arts José Val de Omar in Granada, invited by Professor Carmen Martín.



Fig 8. Presentation of the LIFE WOOD FOR FUTURE project in the assembly hall of la escuela de artes José Val de Omar

The event was attended by a room full of students and teachers of the School, who intervened with numerous interesting questions related to the possible uses of poplar wood and its characteristics of durability, density, workability and fire behavior. The aim is to create environmental awareness among the new generations about poplar plantations in Granada and its wood as a natural sustainable local product, through possible collaborations for its valorization and use for artistic purposes.

TWENTY LANDOWNERS FROM THE VEGA DE GRANADA WILL FORM THE FIRST POPLAR WOOD ECOPRODUCERS ASSOCIATION IN SPAIN

[02/02/2022]

• The project LIFE Wood for Future/Madera para el Futuro will finance planting and care in the demonstration plots.

• The foresters will receive training in sustainable forest management and obtain better prices for their certified wood.

At least twenty landowners in the Vega have taken the first steps this week to become a Poplar Wood Ecoproducers Group, the first in Spain, sponsored by LIFE Wood for Future/Madera para el Futuro, a project funded by the European Union to promote a poplar bioeconomy in the province of Granada.



Fig 9. Members of the first group of eco-producers of poplar wood in Spain

SAVE THE VEGA AND LIFE WOOD FOR FUTURE PLAN THE FIRST POPLARS ON THE LA NOCLA STATE, ON LOAN FROM THE CITY COUNCIL [12/02/2022]

Salvemos la Vega and LIFE Wood for Future/Madera para el Futuro **have planted 430 poplars in the La Nocla farm**, ceded in December by the City of Granada for an experimental project on the feasibility and profitability of combining this forest crop, which has been key in the Vega of Granada but is in danger of disappearing, along with other types of annual rotation crops, such as vegetables, corn, garlic and aromatic plants, among others.



Fig 10. Plantation of 430 poplars in the La Nocla estate

LIFE WOOD FOR FUTURE PROJECT

OPINION SURVEY

[14/02/2022]

Help us to assess the perception of the systems and tools to be developed in LIFE Wood for Future, and about the environmental services provided by poplar groves.



The main objective of the project is to recover the poplar groves of the Vega de Granada, valuing the environmental services they provide to society, improving biodiversity and long-term carbon sequestration in structural bioproducts, and enhancing the value of the forestry sector. STUDENTSOFTHESUPERIORCYCLEOFCAERPENTRYOFSANTIAGOGETTOKNOWTHEWOODFORFUTUREPROJECT[22/02/2022]

Students and teachers of the Superior Cycle of Carpentry of the CIPF of Santiago de Compostela visit USC-PEMADE in Lugo, where they have known first hand the LIFE Wood for Future project.



Fig 11. Students of the CIPF of Santiago de Compostela in the presentation of the LIFE WOOD FOR FUTURE project at USC-PEMADE

The training of future professionals in the construction sector and the wood industry is a key aspect for the implementation of a strong and competitive ecosystem of companies at local and regional level in the field of structural wood and low carbon construction.



AWARENESS AND TRAINING DAY ON THE CONSERVATION OF THE RIVERBANKS OF LA VEGA DE GRANADA WITH STUDENTS OF IES ZAIDÍN-VERGELES

[24/02/2022]

On the 24 of February, LIFE Wood for Future, through the Diputación de Granada and the University of Granada, organized **a day of awareness and training on conservation and restoration of riverbanks in the Vega de Granada and the use of native species in the Dilar river with students of the 1st year of Bachillerato** of the IES Zaidín-Vergeles de Granada, guided by volunteers from the citizen association Bosques para el Futuro, a partner of the project.



Fig 12. Students of the IES ZAIDIN-VERGELES in the awareness and training session on the conservation of the banks of the Vega de Granada

hey visited two very contrasting stretches, one in Cúllar-Vega, very deteriorated and without vegetation or flow, and another upstream in the municipality of Dílar, with native vegetation and natural flow. The students learned and became aware of the objectives of the LIFE project regarding the restoration of at least 2 km of the Dílar river bank and the establishment of a nursery of native riparian species in the Diputación de Granada. The students actively participated with and numerous questions concerns throughout the visit and were enthusiastic about the restoration project.

SECOND MEETING TO SET UP THE PRODUCERS' GROUP

[25/02/2022]

The ETS de Ingeniería de Edificación (building engineering department) of the University of Granada hosted the second meeting of poplar owners of the province of Granada for the creation of the Agrupación de Ecoproductores de Chopo de la provincia, coordinated by Patricia Gómez of COSE and Eduardo Montero of the Asociación Forestal de Navarra.

"Share a message to convey and have representation to be a valid interlocutor with the Administration".



Fig 13. Segunda reunión de propietarios del chopo



LIFE WOOD FOR FUTURE ASKS THE JUNTA DE ANDALUCIA TO INCLUDE POPLAR PLANTATION IN ITS STRATEGY AGAINST AIR POLLUTION IN GRANADA [01/03/2022]

The LIFE Wood for Future/Madera para el Futuro project is going to ask the Junta de Andalucía to include the planting of poplar trees in the Vega de Granada as part of its strategy against air pollution in the Metropolitan area of Granada. Poplars, a fast-growing species, absorb a large amount of CO2, gases and polluting particles from urban traffic, so encouraging their cultivation would be a quick and effective measure to reduce environmental pollution, which bluow be perfectly complemented with sustainable mobility policies such as the promotion of public transport.



AGUAGRANADA FOUNDATION TO SPONSOR THE DISSEMINATION OF LIFE WOOD FOR FUTURE [03/03/2022]



Fig 14. AquaGranada logo, first sponsor of dissemination activities of the LIFE WOOD FOR FUTURE project

The AguaGranada Foundation will be the first sponsor of dissemination activities of the LIFE Wood for Future project. **AguaGranada is a non-profit organization established in 2007 by the company EMASAGRA**, with general interest purposes such as the preservation of the environment, the rational use of natural resources, mainly water, and the defense of nature, promoting sustainable development.

All the partners and associates of LIFE Wood for Future express their enormous gratitude for this sponsorship, which is expected to be consolidated and expanded in the future.

SECOND EDITION OF THE TIMBER STRUCTURES CALCULATION COURSE SPONSORED BY LIFE WOOD FOR FUTURE

[04/03/2022]

In the months of May and June 2022 USC-PEMADE and UGR organize the second edition of the CEM course at the ETS of Engineering of Eficación of the UGR, in mixed face-to-face and virtual format, which includes theoretical classes, structural calculation in software on practical cases, laboratory tests and site visit. The course is of 7.5 credits and is an Official Diploma of the International Graduate School of the UGR.

CÁLCULO DE ESTRUCTURAS DE MADERA APLICADA A PROYECTOS				
^ª edición: DE MAYO A JUNIO DE 20 ugar: GRANADA	22			
FECHA DE MATRICULACIÓN	LUGAR DE IMPARTICIÓN			
Hasta el 5 de mayo	ETS de Ingeniería de Edificación (Granada)			
NÚMERO MÁXIMO DE PLAZAS	NÚMERO DE CRÉDITOS ECTS			
20	7.50			
TIPO DE ENSEÑANZA	INFORMACIÓN Y CONTACTO			
50 horas presenciales + 15 horas online	adime@ugr.es idie.ugr.es			

Fig 15. Diploma in calculation of timber structures applied to projects

LIFE WOOD FOR FUTURE AND THE GROUP OF ECOPRODUCERS PRESENTED IN GUADIX

As a replicability activity of the project in other regions, today, March 9, 2022, the LIFE Wood for Future project was presented in the region of Guadix, with the collaboration of the Rural Development Group of the region and the irrigation communities. **The event was attended by almost thirty poplar grove owners and small poplar grove management companies.**



Fig 16. Presentación del proyecto LIFE WOOD FOR FUTURE en Guadix

THE PROVINCIAL DELEGATE OF AGRICULTURE INAGURATES THE DEMONSTRATION PLOTS OF THE PROJECT IN THE FIRST SAWMILL OF THE "REY DEL CHOPO"

[11/03/2022]

Under the memory of the first poplar sawmill of the "Rey del Chopo" located in the Old Factory of San Juan (Old sawmill of the "Rey del Chopo") in Las Huertas Bajas, in Santa Fe, this historic place of the Vega began a second life yesterday as **it witnessed the inauguration ceremony of the demonstration plots of the LIFE Wood for Future project.** Its owner, María del Carmen Jiménez Barrionuevo, "Marita", kindly offered her farm to celebrate this intimate and historic event.



Fig 17. Inauguration of the "Marita" farm (former "Rey del Chopo" sawmill)

PRESENTACIÓN OF THE LIFE WOOD FOR FUTURE PROJECT TO THE DELEGATE FOR SUITANABLE DEVELOPMENT IN GRANADA [15/03/2022]



Fig 18. Presentation of the LIFE WOOD FOR FUTURE project to the sustainable development delegate

On March 11, 2022, members of the LIFE Wood for Future team presented the project firstto the Delegate for Sustainable hand Development in Granada, Mr. Manuel Francisco García Delgado. Marcos Moleón and Antolino Gallego, researchers from the UGR, together with Francisco B. Navarro, a researcher from IFAPA, explained in detail the different actions of the project, both in environmental matters and in terms of actions for the implementation of a bioeconomic ecosystem that contributes the sustainable development of the Vega de Granada and other regions of Granada and Andalusia.



THE COMMUNICATION COMPANY JASTEN FRÖJEN WORKED DIRECTLY WITH THE PRODUCERS ON THE GROUP'S CORPORATE IMAGE

[16/03/2022]

The ETS of the School of Building Engineering hosted yesterday afternoon, March 15, the third working meeting for the constitution of the group, organized by COSE and the UGR, which was attended by about 40 poplar grove owners in the province.

During this meeting, the Communication Company Jasten Fröjen acquired valuable information about the attending owners in order to develop the corporate image of the future Association.

LIFE WOOD FOR FUTURE PRESENTED AT THE SEMINAR ORGANISED BY THE GOVERNMENT OF POLAND ON EUROPEAN LIFE PROJECTS OF THE CLIMATE SUB-PROGRAMME

[16/03/2022]

LIFE Wood for Future was selected by the Polish LIFE National Contact Point within the National Fund for Environmental Protection and Water Management to be presented at the online event dedicated to LIFE projects on CLIMATE.

The webinar, held on 11 March, is part of the Polish government's LIFE Poland National Contact Point initiative to showcase successful experiences to entities interested in applying to the LIFE Programme in 2022.



Fig 19. Poster that the LIFE WOOD FOR FUTURE project presented at the conference dedicated to LIFE projects on CLIMATE

NEARLYZERO-ENERGYINDUSTRIALIZEDCONSTRUCTIONIS FEASIBLE WITH TIMBER[27/03/2022]

The Technical School of Building Engineering of the University of Granada and the LIFE Wood for the Future project have hosted during the 25th and 26th of March 40 students of Maderaula, a classroom of theoretical and practical training in wood construction and near-zero energy consumption.



Fig 20. Alumnos de Maderaula durante su visita durante su visita a la Escuela Técnica de Ingeniería de Edificación

The **Maderaula project** of the CESEFOR Foundation of Castilla y León and funded by the Green Employment program of the Biodiversity Foundation of the Ministry of Ecological Transition and Demographic Challenge, travels to different locations in Spain and **aims to train employees in the light-frame construction system to**



achieve an energy efficient and industrialized construction.

AN ANDALUSIAN DELEGATION LED BY LIFE WOOD FOR FUTURE GETS TO KNOW THE BOOMING STRUCTURAL TIMBER INDUSTRIAL SECTOR IN GALICIA

[31/03/2022]

Businessmen, builders, specifiers and representatives of the administration have visited the technology center of the University of Santiago, two structural timber factories and the innovative Impulso Verde building in Lugo.



Fig 21. Members of the Andalusian delegation led by LIFE WOOD FOR FUTURE in Galicia

LIFE Wood for the Future aims to promote in Andalusia, from poplar wood, a sector that in Galicia has an annual turnover of almost 2,000 million Euros, exports 700 million Euros and employs 18,000 people in more than 3,000 companies. STUDENTSFROMFUENTEVAQUEROS AND SANTA FE ATTENDACONFERENCEONTHETHEONENVIROMENTALANDECONOMICIMPORTANCE OF POPLAR TREES ATTHEPROVINCIALPOPLARNURSERY

[07/04/2022]

The Provincial Council of Granada, Vega Educa and LIFE Wood for Future organized these visits, in which students of 3rd ESO learn to plant cuttings.



Fig 22. Alumnos de 3º ESO en el vivero provincial

PURULLENA HOSTS THE FOURTH MEETING OF THE GRANADA POPLAR PRODUCERS' ASSOCIATION

[21/04/2022]

The Municipal Theater of Purullena, in the Guadix region, hosted on April 18 the fourth meeting for the constitution of the Association of Poplar Producers of Granada.

In it, the final review of the statutes was completed, the operating organization chart was approved, the corporate image of the Association was presented and approved, and the formal act of official presentation of the Association was discussed.

THE LIFE WOOD FOR FUTURE PROJECT PROMOTES A CITIZEN SCIENCE PROGRAM TO MONITOR BIRDS OF THE DÍLAR RIVER

[21/04/2022]

Dozens of volunteers from the municipalities crossed by the river and from other parts of the province participate in the bird counts.

The program will provide regular data that will help to assess the evolution of the conservation status of the river Dílar in the coming years.



Fig 23. Volunteers attending the bird count activity

LIFE WOOD FOR FUTURE RECOGNIZED AT THE FRIENDS OF LA VEGA AWARDS 2022 [25/04/2022]

The CajaGranada Cultural Center hosted on April 22, 2022 the presentation of the Friends of the Vega Awards 2022, **awards that recognize the best practices in the care of the Vega Granadina.**



Fig 24. Attendees at the 2022 Friends of Vegas Awards















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