



# MEETING and NETWORKING

Inspiring practices for  
innovating with biomass  
9 May 2023 - Valladolid

## PRESENTATIONS, SYNERGIES and MEETING BETWEEN PROJECTS and INNOVATION INITIATIVES

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**THIS DOCUMENT HAS BEEN OBJECT OF AUTOMATIC TRANSLATION**

## Participating projects and initiatives:

Pg	Project	Programme	Type
4	<b>BIORURAL – Accelerating circular bio-based solutions integration in European rural areas</b>	H2020	BIOECONOMY - networks
5	<b>BRANCHES – Boosting Rural Bioeconomy Networks following multi-actor approaches (and INTERcamBIOM Network in Spain)</b>	Horizon Europe	BIOECONOMY - networks
6	<b>MainstreamBIO – MAINSTREAMING small-scale BIO-based solutions across rural Europe via regional Multi-actor Innovation Platforms and tailored innovation support</b>	Horizon Europe	BIOECONOMY - promotion
7	<b>SCALE-UP – Concepts, Tools and Applications for Community-driven Bioeconomy Development in European Rural Areas</b>	Horizon Europe	BIOECONOMY - promotion
8	<b>BIOTRANSFORM – Circular BIOeconomy TRANSFORMATION for regions by enabling resource and governance networks</b>	Horizon Europe	BIOECONOMY - promotion tools
9	<b>ROBIN – Deploying circular bioeconomies at regional level with a territorial approach</b>	Horizon Europe	BIOECONOMY - promoting governance
10	<b>AGROFOSSILFREE – Strategies and technologies to achieve a European Fossil-energy-free agriculture</b>	H2020	BIOENERGY - promotion and transfer
11	<b>Biomasa CAP – Capitalisation of R&amp;D capacities in the energy use of high-potential non-recovered biomass</b>	INTERREG POCTEP	BIOENERGY - Promotion and transfer
12	<b>AURORAL – Digitisation of the bioenergy market from sustainable biomass production</b>	H2020	BIOENERGY - ICT tools support
13	<b>BEcoop – Promoting the use of biomass for heating through citizens' energy community initiatives</b>	H2020	BIOENERGY - Support for the Promotion of Energy Communities
14	<b>MOR-e – Energy recovery from woody waste biomass in the agri-food and bio-natural products industries</b>	AECID	BIOENERGY - Industry Pilot Promotion
15	<b>Forest Biomass in the industrial sector in Jalisco, Mexico</b>	Private promotion	BIOENERGY - Industry Promotion
16	<b>BIOCOGEN – Integrated Small Scale and Low Temperature Cogeneration System with a Hot Water Biomass Boiler</b>	ERDF. Portugal 2020 Programme	BIOENERGY - Small CHP
17	<b>LIFE4DRYGAS – Waste Water sludge solar DRYing FOR energy recovery through gasification GAS</b>	LIFE	BIOENERGY - Gasification and cogeneration
18	<b>ALL-TO-GAS – Biomass and waste as precursors of the coupled production of hydrogen and methane in the new industrial energy transition scenario</b>	AEI	BIOENERGY - Advanced Biofuels
19	<b>LDBA – Laboratory for Advanced Biofuels Development</b>	ERDF-MRR	BIOENERGY - Advanced Biofuels
20	<b>RE4Industry – 100% Renewable Energies for Energy Intensive Industries</b>	H2020	BIOENERGY - Promotion in intensive industry
21	<b>Use of agricultural residues for the development of bio-based materials</b>	Private promotion	BIOPRODUCTS - Innovation
22	<b>LIFE Bioreformed – Implementing a Mediterranean biorefinery to boost forest management through the production of value-added products</b>	LIFE	BIOPRODUCTS - Innovation and forest management

MEETING ORGANISED BY:

23	<b>BeonNAT – Innovative value chains from tree and shrub species grown in marginal lands as a source of biomass for bio-based industries</b>	BBI-JU	BIOPRODUCTS - value chain and forest management
24	<b>BIOCISTUS 4.0 – Development of new ICT-assisted systems for the cultivation and harvesting of the prickly rockrose (Cistus ladanifer L.)</b>	National R&D&I Plan (Society Challenges)	BIOPRODUCTS - agroforestry value chain
25	<b>BIOVALOR – Sustainable forestry management and agriculture for high VALUE BIOproducts to meet the demographic challenge</b>	PRTR - NextGeneration EU.	BIOPRODUCTS - agroforestry value chain
26	<b>ESjara – Rockrose Essential Oil for the development of the bioeconomy in the rural environment</b>	PDR	BIOPRODUCTS - agroforestry value chain
27	<b>TREEADS – Holistic Ecosystem in Wildland Fire Management</b>	HE	FORESTRY - Fires
28	<b>FIREPOCTEP – Strengthening cross-border forest fire prevention and suppression systems and enhancing resources for rural employment generation post Covid-19</b>	INTERREG POCTEP	FORESTRY - fires
29	<b>CHAMELEON – Development of reconfigurable drones to deliver on-demand services in rural areas</b>	H2020	FORESTRY - Agricultural ICTs / Drones
30	<b>transForm – Agenda for digital transformation of forest value chains into a more resilient, low-carbon Portuguese economy</b>	Next Generation (Portugal)	FORESTAL - Digital transformation value chain

## BIORURAL – Accelerating circular bio-based solutions integration in European rural areas



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	<b>OBJECTIVE</b> <p>The aim of BioRural is to create a European Rural Bioeconomy Network that promotes small-scale bio-based solutions to increase the role of the bioeconomy in rural areas.</p> <p>To this end, BIORURAL's actions are oriented towards three pillars: (1) knowledge gathering and transfer; (2) networking; (3) facilitating replication (keys, models, success stories).</p>						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>Assessing the current state of the bioeconomy in Europe</li> <li>Identify factors influencing the adoption and diffusion of innovative bio-based solutions.</li> <li>Promoting innovative bio-based solutions applicable in rural areas</li> <li>Creating a European Rural Bioeconomy Network</li> <li>Facilitating knowledge sharing and training for the rural bioeconomy</li> <li>Development and optimisation of an online platform for stakeholders</li> <li>Creation of strategic itineraries for the implementation of innovations in</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>Primary/secondary sector surveys: keys to adoption [May-June 2023]</li> <li>Transfer workshops success stories: inland / aquatic / products [Sept.23 - Marz.24].</li> <li>Participate in the European Network for Rural Development [May.23 subscription open]</li> <li>Materials, projects, publications, toolkit resources [May.23 ...→ ]</li> <li>Identifying innovative rural bioeconomy practices [Sept.23 ...→ ]</li> <li>Idea workshops and EU challenge competition [Jun.24 - Feb.25]</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> Daniel García - AVEBIOM <a href="mailto:danielgarcia@avebiom.org">danielgarcia@avebiom.org</a> <b>Coordinator:</b> Thanos Balafoutis - CERTH <a href="mailto:a.balafoutis@certh.gr">a.balafoutis@certh.gr</a> <b>Dissemination:</b> Despoina Kampouridou - Foodscale Hub <a href="mailto:despoina@foodscalehub.com">despoina@foodscalehub.com</a>				<b>Website:</b> <a href="https://biorural.eu/">https://biorural.eu/</a> <b>Programme page:</b> <a href="https://cordis.europa.eu/project/id/101060166">https://cordis.europa.eu/project/id/101060166</a> <b>Social networks:</b> <a href="https://twitter.com/bio_rural">https://twitter.com/bio_rural</a> <a href="https://www.facebook.com/bioruraleu">https://www.facebook.com/bioruraleu</a> <a href="https://www.linkedin.com/company/biorural/">https://www.linkedin.com/company/biorural/</a> <a href="https://www.slideshare.net/BioRural">https://www.slideshare.net/BioRural</a> <a href="https://www.youtube.com/@biorural">https://www.youtube.com/@biorural</a>		

## BRANCHES – Boosting Rural Bioeconomy Networks following multi-actor approaches

(and *InterCamBIOM* Network in Spain)

**InterCamBIOM**



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### OBJECTIVE

The aim of the project is to increase the uptake of new technologies and innovative practices in the sourcing, transformation and use of biomass for bioeconomy purposes in rural areas. BRANCHES' strategy is to strengthen the connections between practical issues, users and innovation promoters, and to serve as a channel to facilitate information exchange, encounter, and collaboration.

The InterCamBIOM network is the tool generated in Spain through the BRANCHES project to facilitate and channel access to information on innovative practices.

### LINES OF ACTION

- Networking (national in 5 countries: ES, IT, DE, PL, FI)
- Identifying and documenting success stories
- Innovative ideas competition (2022 and 2023)
- Transfer (workshops, events)
- Demonstrations and visits to success stories
- Territorial analysis and recommendations for the adoption of innovations in the bioeconomy

### SEARCH FOR SYNERGIES

- Subscribe / participate with the Spanish network InterCamBIOM [until Dec 2023] [until Dec 2023]
- European Webinar (co-organise; support; present cases) [June 2023] [June 2023]
- Webinar with BIORURAL (rural innovation networks in Spain) [June- July 2023] [June- July 2023]
- Innovative practice demo (co-organise; participate) [by Oct 2023]
- Final event - transfer of results (co-organising) [by Dec 2023] [by Dec 2023]

### Presents at EXPOBIOMASA:

Daniel García - AVEBIOM / Maider Gómez - CIRCE  
[danielgarcia@avebiom.org](mailto:danielgarcia@avebiom.org) / [mgomez@fcirce.es](mailto:mgomez@fcirce.es)

### Coordinator:

Johanna Routa - LUKE  
[johanna.routa@luke.fi](mailto:johanna.routa@luke.fi)

### Dissemination:

Alberto Del Lungo - ITABIA  
[dellungo.alberto@gmail.com](mailto:dellungo.alberto@gmail.com)

### Website:

<https://www.branchesproject.eu/>

### Network in Spain - InterCamBIOM

<https://intercambiom.org/>

### Programme page:

<https://cordis.europa.eu/project/id/101000375>

### Social networking:

[Youtube channel](#)

<https://twitter.com/H2020Project>



## MainstreamBIO – MAINSTREAMing small-scale BIO-based solutions across rural Europe via regional Multi-actor Innovation Platforms and tailored innovation support



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	<b>OBJECTIVE</b> <p>The objective of MainstreamBIO is to foster small-scale bio-based projects in rural areas, in order to promote the participation of more actors in the development of the bioeconomy. The project will offer tailor-made technical and business support tools and services, designed in collaboration with Multi-Stakeholder Innovation Platforms (MIPs), to rural actors in the participating regions leading small-scale bioeconomy initiatives.</p>						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>Assessing the current state of the bioeconomy in specific European regions</li> <li>Create IPMs in working regions (Navarre, Aragon and Catalonia in the case of Spain).</li> <li>Designing technical and business support tools and services</li> <li>Offering tailor-made services to rural bioeconomy initiatives: <b>2 rounds of support</b></li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>Search for actors and creation of regional IPMs [Sept. 22 - Dec. 22... ]→</li> <li>Interviews bioeconomy panorama + value chains [Oct. 22 - Jan. 23]</li> <li>Workshops for co-creation of tools and services [May. 23 - Jun. 23]</li> <li>Design of technical and business support services [Jan. 22 - Sept. 23]</li> <li>1st round of support for small-scale rural innovation [Nov. 23 - Jun. 24]</li> <li>2nd round of support for small-scale rural innovation [Nov. 24 - Jun. 25]</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> Ana Casillas - Innovarum <a href="mailto:ana.casillas@innovarum.es">ana.casillas@innovarum.es</a> <b>Coordinator:</b> Evangelia Tsagaraki - Q-Plan International <a href="mailto:tsagaraki@qplan-intl.gr">tsagaraki@qplan-intl.gr</a> <b>Dissemination:</b> Anastasios Galatsopoulos - White Research <a href="mailto:agalatsopoulos@white-research.eu">agalatsopoulos@white-research.eu</a>				<b>Website:</b> <a href="https://mainstreambio-project.eu/">https://mainstreambio-project.eu/</a> <b>Programme page:</b> <a href="https://cordis.europa.eu/project/id/101059420">https://cordis.europa.eu/project/id/101059420</a> <b>Social networking:</b> <a href="https://www.facebook.com/profile.php?id=100086158434952">https://www.facebook.com/profile.php?id=100086158434952</a> <a href="https://twitter.com/MainstreamBIO">https://twitter.com/MainstreamBIO</a> <a href="https://www.linkedin.com/company/mainstreambio-project/">https://www.linkedin.com/company/mainstreambio-project/</a> <a href="https://www.youtube.com/@mainstreambioproject4093">https://www.youtube.com/@mainstreambioproject4093</a>		

## SCALE-UP – Concepts, Tools and Applications for Community-driven Bioeconomy Development in European Rural Areas

**SCALE<sup>UP</sup>**  
community-driven  
bioeconomy development



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	<b>OBJECTIVE</b> SCALE-UP aims to help the different innovative actors from the quadruple helix model to overcome the main barriers towards the full exploitation of the bio-economic potential in six European rural regions. SCALE-UP aims to achieve its objectives based on four main pillars; i) knowledge transfer, ii) capacity building, iii) creation of a community of practice at European level and iv) dissemination and exploitation of project results.						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>Strengthen the capacities and knowledge of multi-stakeholder partnerships to accelerate the development of marketable bio-based solutions and improve their market penetration.</li> <li>Development and optimisation of a regional bioeconomy platform.</li> <li>Create a European Rural Bioeconomy Network.</li> <li>Raise awareness of the importance of the bioeconomy among local communities.</li> <li>Promote regional, rural, local/urban consumer-based transitions towards a sustainable and inclusive circular economy and bioeconomy in all regions of Europe.</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>Methodologies for needs identification [May-Feb.24].</li> <li>Training workshops [Sep.23-Apr.25].</li> <li>Participate in the European Rural Bioeconomy Network [May.23 - Aug.25].</li> <li>Support programmes for entrepreneurial initiatives [May.23-May.24]</li> <li>Identifying social innovation practices in rural bioeconomy [Sep.23-Aug.25]</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> María García - CTA <a href="mailto:maria.garcia@corporaciontecnologica.com">maria.garcia@corporaciontecnologica.com</a> <b>Coordinator:</b> Holger Gerdes - ECO <a href="mailto:holger.gerdes@ecologic.eu">holger.gerdes@ecologic.eu</a> <b>Dissemination:</b> Chuan Ma - WIP <a href="mailto:chuan.ma@wip-munich.de">chuan.ma@wip-munich.de</a>				<b>Website:</b> <a href="https://www.scaleup-bioeconomy.eu/">https://www.scaleup-bioeconomy.eu/</a> <b>Programme page:</b> <a href="https://cordis.europa.eu/project/id/101060264">https://cordis.europa.eu/project/id/101060264</a> <b>Social networks:</b> <a href="https://twitter.com/SCALE_UP_HEU">https://twitter.com/SCALE_UP_HEU</a> <a href="https://www.linkedin.com/company/scaleup-bioeconomy/">https://www.linkedin.com/company/scaleup-bioeconomy/</a> <a href="https://www.instagram.com/scaleupbioeconomy/">https://www.instagram.com/scaleupbioeconomy/</a>		

## BIOTRANSFORM – Circular BIOeconomy TRANSFORMATION for regions by enabling resource and governance networks



**BIOTRANSFORM**  
TRANSITION PATHWAYS TO CIRCULAR BIO-ECONOMY



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	<b>OBJECTIVE</b> BIOTRANSFORM aims to provide European policy makers with an appropriate assessment and policy development framework, knowledge base and expert support ecosystem to accelerate the transition from linear fossil-based systems to circular bio-based systems.						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>• Circular Economy</li> <li>• Transition to the Bioeconomy</li> <li>• Infrastructure and specific regional resources available</li> <li>• Conversion pathways</li> <li>• Logistics</li> <li>• Current policies</li> <li>• Access to finance</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>• Methodologies for needs identification [Oct.22-Jun.23].</li> <li>• Complementarity of tools for ecological transition [Jan.23 - Mar.25].</li> <li>• Training workshops for policy makers [Mar.23 - Mar.25].</li> <li>• Best practice exchange programmes and peer-learning sessions [Jun.23 - Mar.25].</li> <li>• Development of awareness campaigns [Jun.23 - Mar.25].</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> María García - CTA <a href="mailto:maria.garcia@corporaciontecnologica.com">maria.garcia@corporaciontecnologica.com</a> <b>Coordinator:</b> Lahtinen Jussi H - VTT <a href="mailto:jussi.h.lahtinen@vtt.fi">jussi.h.lahtinen@vtt.fi</a> <b>Dissemination:</b> Alexandra Gkouma - Q-PLAN <a href="mailto:gkouma@qplan-intl.gr">gkouma@qplan-intl.gr</a>				<b>Website:</b> <a href="https://www.biotransform-project.eu/">https://www.biotransform-project.eu/</a> <b>Programme page:</b> <a href="https://cordis.europa.eu/project/id/101081833">https://cordis.europa.eu/project/id/101081833</a> <b>Social networking:</b> <a href="https://twitter.com/BIOTRANSFORM">https://twitter.com/BIOTRANSFORM</a> <a href="https://www.linkedin.com/company/biotransform-project-eu/">https://www.linkedin.com/company/biotransform-project-eu/</a> <a href="https://www.facebook.com/people/Biotransform-project/100090093344387/">https://www.facebook.com/people/Biotransform-project/100090093344387/</a>		



## ROBIN – Deploying circular bioeconomies at regional level with a territorial approach



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	<b>OBJECTIVE</b> ROBIN aims to enable European regions to adapt their governance models and structures to accelerate the achievement of their circular bioeconomy objectives, while promoting social innovation and taking into account different territorial contexts.						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>• A deeper understanding of existing bioeconomy governance practices and models in Europe.</li> <li>• Increased understanding of the benefits of the bioeconomy among all stakeholders.</li> <li>• Improved regional governance models with increased stakeholder engagement accelerate the transition to the circular bioeconomy in European regions.</li> <li>• Better informed bioeconomy strategies that create enabling conditions for investments in sustainable business opportunities offered by local bioeconomies.</li> <li>• Improving the environmental footprint of bio-based products and services.</li> <li>• Increased inter-regional coordination within the CCRI, strengthening the EU science-policy interface to address the SDGs.</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>• Methodologies for needs identification [Oct.22-Mar.23].</li> <li>• Complementarity of regional governance tools in the bioeconomy [Oct.23 - Aug.25].</li> <li>• Training workshops for policy makers [Mar.24 - Aug.25].</li> <li>• Best practice exchange programmes and peer-learning sessions [Mar.24 - Aug.25].</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> María García - CTA <a href="mailto:maria.garcia@corporaciontecnologica.com">maria.garcia@corporaciontecnologica.com</a> <b>Coordinator:</b> Margarita Angelidou - QPL <a href="mailto:mangelidou@qplan-intl.gr">mangelidou@qplan-intl.gr</a> <b>Dissemination:</b> Pinelopi Kaslama - WR <a href="mailto:pkaslama@white-research.eu">pkaslama@white-research.eu</a>				<b>Website:</b> <a href="https://robin-project.eu/">https://robin-project.eu/</a> <b>Programme page:</b> <a href="https://cordis.europa.eu/project/id/101060504">https://cordis.europa.eu/project/id/101060504</a> <b>Social networks:</b> <a href="https://twitter.com/Robinproject1">https://twitter.com/Robinproject1</a> <a href="https://www.linkedin.com/company/robinhorizonproject/">https://www.linkedin.com/company/robinhorizonproject/</a> <a href="https://www.facebook.com/people/ROBIN-project/100087328684626/">https://www.facebook.com/people/ROBIN-project/100087328684626/</a>		

## AGROFOSSILFREE – Strategies and technologies to achieve a European Fossil-energy-free agriculture



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement ID 101000496

	 Forest resource ✓	 Agriculture ✓	 livestock ✓	 Aquatic resources ✓	 Food/feed processing ✓	 Biomaterials, bioproducts ✓	 Bioenergy ✓
	<b>OBJECTIVE</b> The aim of the project is to create a framework in which key stakeholders cooperate to assess and promote currently available fossil-free energy strategies and technologies (FEFTS) in EU agriculture to decrease in the short term and eliminate in the long term the use of fossil fuels in any agricultural process, from the cradle to the farm gate, while maintaining the yield and quality of the final product.						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>• Assessment and evaluation of the current state of play of energy use in EU agriculture</li> <li>• Identification of needs and interests for the future energy profile of farms</li> <li>• Register of available FEFTS (Fossil Energy Free Strategies and Technologies)</li> <li>• Exploring funding sources for agricultural de-silencing</li> <li>• Production of EU ideas for the integration of FEFTS in EU and regional agriculture</li> <li>• Creation of the AgEnergy Platform for the presentation of the available FEFTS</li> <li>• Proposed policy guidelines for the dephosphilisation of EU agriculture Put in the form of bullet points</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>• 3rd Online workshop [26 May 23]</li> <li>• AgroFossilFree Brokerage Event [22 June 23]</li> <li>• AgEnergy Platform [May 23 - Sept 23]</li> </ul>						
	<b>Coordinator:</b> Thanos Balafoutis - CERTH <a href="mailto:a.balafoutis@certh.gr">a.balafoutis@certh.gr</a>  <b>Dissemination:</b> Mirentxu Asín - INNOVATIVE INITIATIVES <a href="mailto:masin@iniciativas-innovadoras.es">masin@iniciativas-innovadoras.es</a>		<b>Website:</b> <a href="http://www.agrofossilfree.eu">www.agrofossilfree.eu</a>  <b>Programme page:</b> <a href="https://cordis.europa.eu/project/id/101000496/es">https://cordis.europa.eu/project/id/101000496/es</a>  <b>Social networking:</b> <a href="https://twitter.com/agrofossilfree">https://twitter.com/agrofossilfree</a> <a href="https://www.facebook.com/H2020.Agrofossilfree.Project">https://www.facebook.com/H2020.Agrofossilfree.Project</a> <a href="https://www.linkedin.com/in/agrofossilfree-project/">https://www.linkedin.com/in/agrofossilfree-project/</a> <a href="https://www.youtube.com/@agrofossilfree">https://www.youtube.com/@agrofossilfree</a>				

## Biomasa CAP – Capitalisation of R&D capacities in the energy use of high-potential non-recovered biomass.



**Interreg**  
España - Portugal



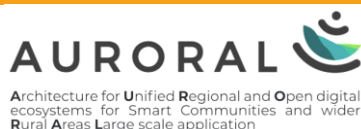
Fondo Europeo de Desarrollo Regional  
Fundo Europeu de Desenvolvimento Regional



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	<b>OBJECTIVE</b> Biomasa CAP aims to capitalise on the results of Biomasa AP. With a strong emphasis on dissemination, it aims to give a voice to the possibilities of non-valued biomass through the strengthening of the Cross-Border Biomass Network, training, dissemination, creation of spaces for discussion and to promote the co-creation of public policies with the direct involvement of public agents.						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>• Training - through theoretical and practical courses "Biomass as a source of energy in Galicia and northern Portugal".</li> <li>• Dissemination - talks in high schools and vocational training centres, open days for the general public...</li> <li>• Capitalisation of results - search for new opportunities</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>• Identification of related events to present the results and scope of the Biomass CAP project [May-Jun.23].</li> <li>• Search for institutions interested in the promotion of future projects for continuation or new project related to biomass valorisation. [May.23 ...→ ]</li> <li>• Support to institutions based on the knowledge developed during the project, including communication and dissemination activities [May.23 ...→ ].</li> <li>• Identification of new members for the Cross Border Biomass Network CAP [May.23 ...→ ]</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> Lucía Braña lbrana@feuga.es <b>Coordinator:</b> Yarima Torreiro yarima.torreiro@energylab.es <b>Dissemination:</b> Berta Rodríguez berta.rodriguez@energylab.es				<b>Website:</b> <a href="https://biomasa-ap.com/">https://biomasa-ap.com/</a> <b>Programme page:</b> <a href="https://2007-2020.poctep.eu/es/2014-2020/mejora-de-capacidades-de-investigaci%C3%B3n-en-biomasa-para-un-uso-energ%C3%A9tico-optimizado-de">https://2007-2020.poctep.eu/es/2014-2020/mejora-de-capacidades-de-investigaci%C3%B3n-en-biomasa-para-un-uso-energ%C3%A9tico-optimizado-de</a> <b>Social networking:</b> <a href="https://twitter.com/Biomasa_AP">https://twitter.com/Biomasa_AP</a> <a href="https://www.facebook.com/BiomasaAP/">https://www.facebook.com/BiomasaAP/</a> <a href="https://bit.ly/biomasaCAPyoutube">https://bit.ly/biomasaCAPyoutube</a> <a href="https://bit.ly/biomasaCAPlinkedin">https://bit.ly/biomasaCAPlinkedin</a>		

## AURORAL – DIGITISATION OF THE BIOENERGY MARKET FROM SUSTAINABLE BIOMASS PRODUCTION

*Architecture for Unified Regional and Open digital ecosystems for Smart Communities and Rural Areas  
Large scale application*



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 101016854.

	<p><b>OBJECTIVE</b></p> <p>Build a digital architecture that helps to energise rural communities and ensure the smooth functioning of the bioenergy sector's operations.</p> <p>AURORAL is based on providing coverage with digital tools in three aspects: (1) Traceability (origin-end) guaranteeing a local impact to contribute to territorial balance; (2) Generating new opportunities and business models from models based on the circular economy of proximity; (3) Providing data and information spaces for the promotion of the sector.</p>						
	<p><b>LINES OF ACTION</b></p> <ul style="list-style-type: none"> <li>Identifying new opportunities in biomass management</li> <li>Develop collaborative business models that help diversify and provide solutions to companies in the agro-industrial sector.</li> <li>To offer digital tools that allow companies to consolidate their activity and adapt it to new market uses.</li> <li>Providing sustainability tools adapted to the new European laws and regulations at local level.</li> <li>To have a GIS viewer with information and data on the sector.</li> </ul>						
	<p><b>SEARCH FOR SYNERGIES</b></p> <ul style="list-style-type: none"> <li>New business models to work with companies in the agro-industrial sector [Feb. - Oct. 2023]</li> <li>Testing tools on real use cases for biomass traceability [Nov.23 - Marz.24]</li> <li>Committee for the evaluation of the use and applicability in SMEs of the sector [Oct.23 - Nov.24]</li> <li>Collaboration in the creation of a financial ecosystem for the development of new projects and opportunities for the sector [Apr.23 - Nov.24]</li> </ul>						
	<p><b>Presents at EXPOBIOMASA:</b> Conrad Pagà Bordes - CBC <a href="mailto:cpaga@clusterbioenergia.cat">cpaga@clusterbioenergia.cat</a></p> <p><b>Coordinators of the technical part of the pilot (present in the room):</b> Pol Arranz - AIGUASOL <a href="mailto:pol.arranz@aiguasol.coop">pol.arranz@aiguasol.coop</a></p>				<p><b>Website:</b> <a href="https://www.auroral.eu/#/">https://www.auroral.eu/#/</a></p> <p><b>Programme page:</b> <a href="https://cordis.europa.eu/project/id/101016854">https://cordis.europa.eu/project/id/101016854</a></p> <p><b>Social networking:</b> <a href="https://twitter.com/AURORAL_H2020">https://twitter.com/AURORAL_H2020</a> <a href="https://www.linkedin.com/company/h2020-auroral/">https://www.linkedin.com/company/h2020-auroral/</a> <a href="https://www.instagram.com/h2020_auroral/">https://www.instagram.com/h2020_auroral/</a></p>		

## BEcoop – Unlocking the community Bioenergy potential

*Promoting the use of biomass for heating through citizens' energy community initiatives*



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement no. 952930.

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	<p><b>OBJECTIVE</b></p> <p>Bioenergy is developing slower compared to other RES in decentralised energy production, which will play a decisive role in the future of the energy transition in the EU.</p> <p>The objective of BECoop is to <b>foster a wide deployment of bioenergy technologies across Europe</b> by providing the necessary conditions and support tools to unlock the underlying market potential of EU bioenergy. In addition, the project hopes to <b>create links with the international bioenergy community and foster new partnerships</b>.</p>						
	<p><b>LINES OF ACTION</b></p> <ul style="list-style-type: none"> <li>• Identification of drivers and barriers to the adoption of bioenergy technologies.</li> <li>• Assess the EU bioenergy market potential.</li> <li>• Establish a set of technical and business resources, tools and services.</li> <li>• Create new bioenergy heating communities and boost demand for bioenergy.</li> <li>• Enhancing the EU bioenergy ecosystem for its expansion across Europe.</li> <li>• Involve policy makers at regional, national and EU level.</li> </ul>						
	<p><b>SEARCH FOR SYNERGIES</b></p> <ul style="list-style-type: none"> <li>• The tools developed in the project are made available for future projects: <a href="#">NOI</a>; <a href="#">Self-assessment tool</a>; <a href="#">Tool kit</a>; <a href="#">E-market</a>; <a href="#">Toolkit</a></li> <li>• Online Policy Workshop on Policies for Bioenergy Communities on 23/05</li> <li>• CIRCE and GOIENER will remain open to network collaboration in projects promoting Biomass and community solutions.</li> </ul>						
	<p><b>Presents at EXPOBIOMASA:</b> Yago Goitia <a href="mailto:Yago.goitia@goiener.com">Yago.goitia@goiener.com</a></p> <p><b>Coordinator:</b> White Research <a href="mailto:contact@becoop-project.eu">contact@becoop-project.eu</a></p> <p><b>Dissemination:</b> Marine Faber Perrio - IEECP <a href="mailto:marine@ieecp.org">marine@ieecp.org</a></p>				<p><b>Website:</b> <a href="https://www.becoop-project.eu/">https://www.becoop-project.eu/</a> <a href="https://www.goiener.com/es/proyectos-europeos/becoop/">https://www.goiener.com/es/proyectos-europeos/becoop/</a></p> <p><b>Programme page:</b> <a href="https://cordis.europa.eu/project/id/952930/es">https://cordis.europa.eu/project/id/952930/es</a></p> <p><b>Social networks:</b> <a href="https://www.facebook.com/BECoop-H2020">https://www.facebook.com/BECoop-H2020</a> <a href="https://www.linkedin.com/company/becoop-h2020">https://www.linkedin.com/company/becoop-h2020</a> <a href="http://www.twitter.com/BECoopH2020">http://www.twitter.com/BECoopH2020</a></p>		



## MOR-e – Energy recovery from woody residual biomass in the agri-food and bionatural products industries



Funded by:



### OBJECTIVE

**General:** Inclusion of biomass as an articulating axis of the circular economy in Cuba.

**Specific:** Efficient energy use of woody waste biomass in an agro-food industry:

- Production of pellets from moringa prunings (*Moringa oleifera*)
- Adaptation of facilities for biomass utilisation and reduction of the use of fossil fuels and electricity in the drying of moringa leaves.
- Achieving future replicability of the project

### LINES OF ACTION

- Creating a **value chain** for moringa prunings
- Installation of an **experimental** biomass combustion research **plant**
- Implementation of a **technical training** programme
- **Dissemination** of biomass energy technologies
- Technical, economic and environmental **assessment of the innovative solution**
- Conducting a **replicability** analysis in Cuba

### SEARCH FOR SYNERGIES

- Equipment supply [May - June 23]
- Adaptation of equipment (biomass burners) [May - June 23]
- Collaboration in technical and economic evaluation [Nov23 - Oct24]
- Participation in training activities (on-line) [Feb - July 24]
- Collaboration on replicability analysis [March - Nov24]
- Participation (partner or supplier) in project continuation [Jan - April 24]

### Presents at EXPOBIOMASA:

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### Dissemination:

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[sodepaz@sodepaz.org](mailto:sodepaz@sodepaz.org)

### Website:

<http://icirce.unizar.es/>

### Programme page:














<https://www.aecid.gob.es/>

## Forest Biomass in the industrial sector in Jalisco, Mexico

### Biomasa Forestal en el sector industrial de Jalisco, México



**CLUSTER FORESTAL**

	 Forest resource	 Agriculture	 livestock	 Aquatic resources	 Food/feed processing	 Biomaterials, bioproducts	 Bioenergy
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
 <b>OBJECTIVE</b> Promotion of the use of forest biomass in the industrial sectors of the State of Jalisco. Significant interest in sectors such as agri-food, among others. Seeking to reduce dependence on gas and the reduction of costs and carbon footprint.							
 <b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>Technology transfer and new pilots</li> </ul>							
 <b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>Initiative at initial stage. Possible collaborations or common projects to transfer technology and promote pilot actions.</li> </ul>							
 <b>Presents at EXPOBIOMASA:</b> Ing. Óscar Ramírez Jalisco Forestry Cluster <a href="mailto:Clusterforestal2@gmail.com">Clusterforestal2@gmail.com</a>			 <b>Website:</b> <a href="https://www.clusterforestal.org/">https://www.clusterforestal.org/</a> <b>Type of programme:</b> Private initiative in the making <b>Social networking:</b> <a href="https://twitter.com/forestaljalisco">https://twitter.com/forestaljalisco</a> <a href="#">Profile on facebook</a>				

## BioCogen – Integrated Small Scale and Low Temperature Cogeneration System with a Hot Water Biomass Boiler

**CENTRO** 2020

PORTUGAL  
**2020**
















UNIÃO EUROPEIA  
Fundos Europeus  
Estruturais e de Investimento

	 forest resource <input checked="" type="checkbox"/>	 Agriculture <input type="checkbox"/>	 cattle raising <input type="checkbox"/>	 aquatic resources <input type="checkbox"/>	 Food/feed processing <input type="checkbox"/>	 Biomaterials, bioproducts <input checked="" type="checkbox"/>	 bioenergy <input checked="" type="checkbox"/>
	<b>AIM</b> To develop an integrated system comprising a fully automated and high performance state-of-the-art biomass boiler with a disruptive and unique small scale and low temperature combined heat and power unit. The purpose is to improve our clients operational margins by allowing substantial savings on their energy costs and to decarbonize their energy intensive processes.						
	<b>LINES OF ACTION</b> <ol style="list-style-type: none"><li>1. Biomass value chains characterization and impacts on its and development [CBE].</li><li>2. Biomass Boiler design, prototyping, testing &amp; certification [SCIVEN/UC/S&amp;V].</li><li>3. Cogeneration system design, prototyping testing &amp; certification [SCIVEN/UC/S&amp;V].</li><li>4. Manufacturing planning and piloting [SCIVEN/S&amp;V].</li><li>5. Pilot system deployment on a real-user [SCIVEN/UC].</li><li>6. Dissemination</li></ol>						
	<b>SEARCH FOR SYNERGIES</b> <i>We can offer:</i> <ul style="list-style-type: none"><li>– Mechanical &amp; thermodynamics modelling and design</li><li>– Turn-key test rigs set-up</li><li>– New or updated energy equipment design, modelling and testing</li></ul> <i>We seek:</i> <ul style="list-style-type: none"><li>– Pilot installations opportunities in real scenarios</li><li>– Explore R&amp;D/commercial/sectorial partnerships for the development of integrated solutions, its dissemination and to create awareness to a <i>clean, decarbonized and sustainable energy future</i>.</li></ul>						
	<b><u>Presents at EXPOBIOMASA:</u></b> Sara Brandão, R&D Project Manager @ SCIVEN <a href="mailto:sara.brandao@sciven.com">sara.brandao@sciven.com</a>  <b><u>Coordinator:</u></b> Eduardo Costa - SCIVEN <a href="mailto:eduardo.costa@sciven.com">eduardo.costa@sciven.com</a>				<b><u>Web page:</u></b> <a href="http://sciven.com/index.php/rd/">sciven.com/index.php/rd/</a>  <b><u>Program page:</u></b> <a href="http://portugal2020.pt">portugal2020.pt</a> <a href="https://centrodabiomassa.pt/project/projeto-biocogen/">https://centrodabiomassa.pt/project/projeto-biocogen/</a>  <b><u>Entities:</u></b> SCIVEN, Centro da Biomassa para a Energia, Universidade de Coimbra, S-Vitech. <a href="https://pt.linkedin.com/company/sciven">https://pt.linkedin.com/company/sciven</a>		

## DRY4GAS – Waste Water sludge solar DRYing FOR energy recovery through gasification GAS



	 Forest resource <input type="checkbox"/>	 Agriculture <input checked="" type="checkbox"/>	 livestock <input type="checkbox"/>	 Aquatic resources <input checked="" type="checkbox"/>	 Food/feed processing <input type="checkbox"/>	 Biomaterials, bioproducts <input type="checkbox"/>	 Bioenergy <input checked="" type="checkbox"/>
	<b>OBJECTIVE</b> DRY4GAS is a demonstration project that proposes an environmentally sustainable technological solution for the treatment and management of sludge generated in a WWTP.  Its specific objectives are to reduce CO2 emissions, transport-related noise emissions, odour nuisance and to promote a green and circular economy by improving agricultural application.						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"><li>• Evaluate the utilisation of sludge by solar drying, gasification and energy recovery from the obtained gasification gas.</li><li>• Design of a demonstration plant integrating the technologies of solar drying, gasification and energy recovery from the gas obtained.</li><li>• Installation of a demonstration prototype at the Wastewater Treatment Plant (WWTP) of San Javier (Murcia) for the treatment of all the sludge produced at the WWTP.</li><li>• Start-up, operation and optimisation of the prototype.</li><li>• Economic evaluation of the results including a business plan that allows for replicability in other WWTPs or with other types of waste.</li></ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"><li>• Use of synthesis gas to obtain biofuels [Jul-Dec. 23]</li><li>• CO2 Utilisation [Jul-Dec. 23]</li><li>• Application of biochar from gasification in agriculture [Jul-Dec. 23]</li><li>• Treatment of biomasses with high moisture content [Jul-Dec. 23]</li></ul>						
	<b><u>Presents at EXPOBIOMASA:</u></b> Virginia Pérez López - CEDER-CIEMAT <a href="mailto:Virginia.perez@ciemat.es">Virginia.perez@ciemat.es</a>  <b><u>Coordinator:</u></b> Virginia Pérez López - CEDER-CIEMAT <a href="mailto:Virginia.perez@ciemat.es">Virginia.perez@ciemat.es</a>  <b><u>Dissemination:</u></b> Virginia Pérez López - CEDER-CIEMAT <a href="mailto:Virginia.perez@ciemat.es">Virginia.perez@ciemat.es</a>				<b><u>Website:</u></b> <a href="http://dry4gas.ciemat.es">http://dry4gas.ciemat.es</a>  <b><u>Programme page:</u></b> <a href="#">LIFE, LIFE 3.0 - LIFE Project Public Page</a>  <b><u>Entities:</u></b> CIEMAT, ESAMUR, AITESA, RANK, CSIC, EHS  <b><u>Social networking:</u></b> <a href="#">LIFE-DRY4GAS (@dry4gas) / Twitter</a>		

## ALL-TO-GAS – Biomass and waste as precursors of the coupled production of hydrogen and methane in the new industrial energy transition scenario
















**ALL-TO-GAS**



Financiado por  
la Unión Europea  
NextGenerationEU



	 Forest resource <input checked="" type="checkbox"/>	 Agriculture <input checked="" type="checkbox"/>	 livestock <input checked="" type="checkbox"/>	 Aquatic resources <input type="checkbox"/>	 Food/feed processing <input checked="" type="checkbox"/>	 Biomaterials, bioproducts <input type="checkbox"/>	 Bioenergy <input checked="" type="checkbox"/>
	<b>OBJECTIVE</b> ALL-TO-GAS aims to achieve two main objectives: <ul style="list-style-type: none"><li>• To obtain renewable gases (H<sub>2</sub> and CH<sub>4</sub> ) from different biomasses and industrial wastes through feasible and sustainable processes, integrating key technologies such as HTC, pyrogasification, biological methanation and reforming.</li><li>• Promote the use of these green gases in industry.</li></ul>						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"><li>• Research in conditioning and adaptation processes of raw materials.</li><li>• Research on pyrolysis, HTC, biological methanation and reforming processes</li><li>• Research in gas cleaning, separation and conditioning processes.</li><li>• Study of technology integration models in the industrial environment</li></ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"><li>• Development and implementation of communication and dissemination plan [May.23 ...→ ]</li><li>• Dissemination of project results among stakeholders [May.23 ...→ ]</li><li>• Exploring pathways in industry's energy transition scenario [Feb.25]</li></ul>						
	<b><u>Presents at EXPOBIOMASA:</u></b> Miguel Ángel Sánchez Gatón - CARTIF <a href="mailto:migsan@cartif.es">migsan@cartif.es</a>  <b><u>Coordination and dissemination:</u></b> Ana Urueña - CARTIF <a href="mailto:anauru@cartif.es">anauru@cartif.es</a>				<b><u>Website:</u></b> <a href="https://www.cartif.es/all-to-gas/">https://www.cartif.es/all-to-gas/</a>  <b><u>Programme page:</u></b> <a href="https://www.aei.gob.es/convocatorias/buscador-convocatorias/proyectos-colaboracion-publico-privada-2022">https://www.aei.gob.es/convocatorias/buscador-convocatorias/proyectos-colaboracion-publico-privada-2022</a>  <b><u>Entities:</u></b> EMASESA, EDIFESA, CIEMAT, UNIVERSIDAD DE SEVILLA. UNIVERSIDAD DE VALLADOLID		



**LDBA – Laboratory for the Development of Advanced Biofuels.**

# LDBA

FUNDED BY



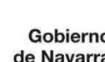
Fondo Europeo de Desarrollo Regional: "Una manera de hacer Europa"  
Eskualde Garapeneko Europako Funtza: "Europa egiteko modu bat"



Financiado por la Unión Europea  
NextGenerationEU

GOBIERNO  
DE ESPAÑA

### Plan de Recuperación, Transformación y Resiliencia



**Gobierno  
de Navarra**



**Nafarroako  
Gobernua**



## OBJECTIVE



The project aims to develop a portfolio of advanced biofuel and direct ("drop in") electro-fuel production technologies, mainly biomethane, diesel, paraffin and maritime, from forestry and local agricultural waste and CO<sub>2</sub>, with the contribution of renewable H<sub>2</sub>. The Programme manages a portfolio of 4 sub-projects, each of which would be focused on advancing the development of each of the technologies at pilot scale. The project is implemented by researchers from CENER's Biorefinery and Bioenergy Centre (BIO2C [www.bio2c.es](http://www.bio2c.es)).



## LINES OF ACTION

- The aim is to develop 3 advanced biofuel and electrofuel production technologies, thermochemical, biochemical and hybrid, in order to diversify the technological options for different types of waste biomasses, maximising the potential for success:
  - Pyrolysis
  - Hydrothermal liquefaction
  - Gas fermentation
- A microbiological laboratory specialising in the development of micro-organisms with applications in the production of advanced biofuels and electro-fuels will be set up.



## SEARCH FOR SYNERGIES

- Wet biomass micronisation technologies without the need for drying
- Biocrude and bio-oil upgrading technologies



### Presents at EXPOBIOMASA:

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**Coordinator:**

CENER



**Website:**

<https://www.bio2c.es/projects/>

## RE4Industry – 100% Renewable Energies for Energy Intensive Industries

Supporting a renewable energy transition for industry



**RE4iNDUSTRY**  
Renewable energies for industries



Funded by  
the European Union

	<b>AIM</b> The main objective of the project is to facilitate European <b>Energy Intensive Industries (EII)</b> sector to smoothly adopt Renewable Energies (RE) in their production processes and facilities. The project is active in 1) establishing networks for collaboration, 2) promoting success cases, 3) facilitating case studies, 4) analysing options, 5) facilitating knowledge transfer.						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>Creation of networks of interest (clusters, expert groups, committees) for interactions with technical experts, policy makers, trade associations, technology providers and other relevant actors.</li> <li>Promotion of current success cases through case study reports and the creation of a mapping tool.</li> <li>Implementation of case studies for renewable energy uptake in the three the EII project partners (MYTILINEOS - alumina/aluminium, CORBION - chemicals, SIDENOR - steel).</li> <li>Evaluation of current and future renewable energy options for EIIs.</li> <li>Facilitate knowledge transfer, both in-house and to additional companies, through targeted actions such as site-visits, coaching activities, webinars, etc.</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> Project finishes soon (August 2023); collaboration interest primarily related to attendance of final events, such as: <ul style="list-style-type: none"> <li>Physical conference "<b>Industrial decarbonization II: strategies in the year of artificial intelligence</b>" [27 Jun.23, @Impact Hub Gobernador de Madrid].</li> <li>Final event "<b>Capturing competitiveness: carbon removal, renewable energies, and feedstock efficiency for EIIs</b>". [20 Jun.23, @Residence Palace in Schuman, Brussels].</li> <li>Webinar "<b>Greening the Lime Industry: Challenges and Opportunities for Decarbonisation</b>" [Jun.23, date tbc].</li> </ul>						
	<b>Presenter at EXPOBIOMASA:</b> Manolis Karampinis - Bioenergy Europe <a href="mailto:karampinis@bioenergyeurope.org">karampinis@bioenergyeurope.org</a> <b>Coordinator:</b> Alessandro Carmona - CIRCE <a href="mailto:acarmona@fcirce.es">acarmona@fcirce.es</a> <b>Dissemination:</b> Ana Praxedes - EE-IP <a href="mailto:ana.praxedes@ee-ip.org">ana.praxedes@ee-ip.org</a>				<b>Web page:</b> <a href="https://re4industry.eu/">https://re4industry.eu/</a> <b>Program page:</b> <a href="https://cordis.europa.eu/project/id/952936">https://cordis.europa.eu/project/id/952936</a> <b>Social networks:</b> <a href="https://twitter.com/eu_industry">https://twitter.com/eu_industry</a> <a href="https://www.linkedin.com/company/re4industry">https://www.linkedin.com/company/re4industry</a>		

MEETING ORGANISED BY:

## Use of agricultural residues for the development of bio-based materials



Funded by  
the European Union












	<b>OBJECTIVE</b> <p>The present project has a twofold objective: it aims to find additives that reinforce the recovered paper at a reasonable cost, while at the same time seeking an alternative, value-added way of reusing agricultural waste.</p> <p>The aim is to promote the sustainability and biodegradability of the paper production process through the manufacture of renewable additives, trying to propose viable alternatives at an industrial level.</p>						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>Assessment of agricultural residues whose management may have an environmental impact.</li> <li>Study of possible (pre-)treatments to facilitate the handling and application of these wastes, while at the same time improving their properties.</li> <li>Functional characterisation of materials. Improvement of final properties.</li> <li>Consideration of final applications in which the incorporation of these materials is possible.</li> <li>Numerical-experimental methodology for the optimisation of the manufacturing processes of bio-based products.</li> <li>Compostability and biodegradability analysis.</li> <li>Technical support to small companies and/or start-ups in the implementation of projects.</li> <li>Knowledge exchange between University, Technology Centre and company.</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>Potential stakeholders in the analysis of new raw materials.</li> <li>Partners for public and/or private funding proposals.</li> <li>Industrial symbiosis.</li> <li>Partners for alternative and complementary experimental characterisation to that available.</li> <li>Extension of end-use applications.</li> <li>Interested in modelling new materials and/or analysing the feasibility of the process.</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> Iciar Serrano - ITAINNOVA <a href="mailto:icserrano@itainnova.es">icserrano@itainnova.es</a>  <b>Coordinator:</b> Pablo González - ITAINNOVA <a href="mailto:pablog@itainnova.es">pablog@itainnova.es</a>				<b>Website:</b> <a href="https://www.itainnova.es/es">https://www.itainnova.es/es</a>  <b>Social networking:</b> <a href="https://www.linkedin.com/in/itainnova/">https://www.linkedin.com/in/itainnova/</a> <a href="https://linktr.ee/ITAINNOVA">https://linktr.ee/ITAINNOVA</a> <a href="https://twitter.com/ITAINNOVA">https://twitter.com/ITAINNOVA</a>		

## LIFE Biorefformed – Implementing a Mediterranean biorefinery to boost forest management through the production of value-added products (LIFE19 ENV/ES/000544)



	 Forest resource	 Agriculture	 livestock	 Aquatic resources	 Food/feed processing	 Biomaterials, bioproducts	 Bioenergy
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 <b>OBJECTIVE</b> The main objective of this project is to promote the sustainable management of Mediterranean forests through the implementation of a local Mediterranean biorefinery using torrefaction and pyrolysis to produce renewable chemicals and fuels from forest biomass.							
 <b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>Implementation of innovative forest treatments taking into account adaptation to climate change and conservation of ecosystem services and biodiversity, as well as economic viability.</li> <li>Production of biofuels and chemical products, through the development of the biorefinery, such as: antioxidants, fertilisers, biostimulants, sugars, acids, etc.</li> <li>Monitoring of environmental, social and cultural ecosystem services.</li> </ul>							
 <b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>Marketing briefpack for the industrial sector [June 2023]</li> <li>Policy briefpack for policy-makers [June 2023]</li> <li>Technical document for forest owners [September 2023]</li> <li>Realisation of <i>Open-Days</i> [2 June 2023, 30 Sept 2023].</li> <li>Materials, projects, publications [In progress].</li> </ul>							
 <b>Presents at EXPOBIOMASA:</b> Mireia Mora - CTFC / UAB <a href="mailto:Mireia.Mora@uab.cat">Mireia.Mora@uab.cat</a> <b>Coordinator:</b> Neus Puy - CTFC <a href="mailto:neus.Puy@ctfc.cat">neus.Puy@ctfc.cat</a> <b>Dissemination:</b> <a href="mailto:info@lifebiorefformed.eu">info@lifebiorefformed.eu</a>			 <b>Website:</b> <a href="https://lifebiorefformed.eu/">https://lifebiorefformed.eu/</a> <b>Programme page:</b> <a href="https://cinea.ec.europa.eu/programmes/life_en">https://cinea.ec.europa.eu/programmes/life_en</a> <a href="#">Pag project at CINEA</a> <b>Entities:</b> CTFC, CPF, CREAM, ENERGBas, UAB <b>Social networking:</b> <a href="https://twitter.com/biorefformed">https://twitter.com/biorefformed</a>				

## BeonNAT – Innovative value chains from tree and shrub species grown in marginal lands as a source of biomass for bio-based industries

   <p>Horizon 2020 European Union Funding for Research &amp; Innovation</p> 							
							
	<b>OBJECTIVE</b> <p>The main objective of BeonNAT is the search for and selection of underutilised tree and shrub species suitable for cultivation on marginal lands and with the potential to generate innovative products, such as: essential oils, plant extracts, bioplastics for packaging, biochar, activated carbon, new absorbents for the pet industry, cellulose pulp and boards. A key aspect in the achievement of this project is the analysis of the processes involved: work will begin on a pilot scale while, in parallel, we will study how to carry out an industrial scale-up to increase productivity and reduce the associated costs. All of this, seeking maximum performance and prioritising sustainability at all stages.</p>						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>• Screening of underutilised tree and shrub species in Europe</li> <li>• Cultivation, harvesting, logistics and supply plan of the species</li> <li>• Procurement of essential oils and plant extracts, PLA-based bioplastics for packaging, biochar and activated carbon, new absorbents for pets, cellulose pulp and boards.</li> <li>• Market, biodiversity, value chain and sustainability assessment</li> <li>• Communication, dissemination and exploitation of results</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>• Applications of some bioproducts obtained in the project: biochar, activated carbon, essential oils, vegetable extracts. [May 2023 - June 25]</li> <li>• Use of biomass rejects in applications other than solid biofuels [May 23 - June 25]</li> <li>• Applications of the hydrolysates obtained in the project [May 23 - June 25]</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> Irene Mediavilla - CEDER-CIEMAT <a href="mailto:irene.mediavilla@ciemat.es">irene.mediavilla@ciemat.es</a>  <b>Coordinator:</b> Luis Saúl Esteban - CEDER-CIEMAT <a href="mailto:luis.esteban@ciemat.es">luis.esteban@ciemat.es</a>  <b>Dissemination:</b> Gábor López - CONTACTICA <a href="mailto:gador.lopez@contactica.es">gador.lopez@contactica.es</a>				<b>Website:</b> <a href="https://beonnat.eu/">https://beonnat.eu/</a>  <b>Programme page:</b> <a href="https://cordis.europa.eu/project/id/887917/es">https://cordis.europa.eu/project/id/887917/es</a>  <b>Social networks:</b> <a href="https://twitter.com/BeonNAT_H2020">https://twitter.com/BeonNAT_H2020</a> <a href="https://www.linkedin.com/company/beonnat-project/">https://www.linkedin.com/company/beonnat-project/</a>		



## BIOCISTUS 4.0 – Development of new ICT-assisted systems for the cultivation and harvesting of the prickly rockrose (*Cistus ladanifer* L.)



<b>OBJECTIVE</b> This project proposes the development of new cultivation systems for the prickly rockrose ( <i>Cistus ladanifer</i> L.) and its sustainable exploitation applying circularity criteria and obtaining bioproducts, such as essential oils, oleoresin and solid biofuels. It also includes the application of intelligent algorithms for the optimisation of obtaining these products.							
<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>Development of cultivation techniques of <i>Cistus ladanifer</i> L. in the centre of the Iberian Peninsula</li> <li>Development of harvesting and processing methods of <i>Cistus ladanifer</i> L. for the optimisation of obtaining essential oil, oleoresin and solid biofuels.</li> <li>Adaptation of precision farming technologies for both forest and pilot areas and generation of an intelligent algorithm for the new crop, so that its profitability can be maximised.</li> <li>Creation of new value chains in rural areas, development of pilot areas with the crop, definition of a framework to assist stakeholders and dissemination to farmers.</li> </ul>							
<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>Applications of the essential oil of <i>Cistus ladanifer</i> L. [May.23→ June 24]</li> <li>Applications of oleoresin from <i>Cistus ladanifer</i> L. [May.23→ June 24]</li> <li>Applications of the hydrolate of <i>Cistus ladanifer</i> L. [May.23→ June 24]</li> <li>Mycorrhisation with <i>Boletus edulis</i> as a resource source [May.23→ June 24]</li> </ul>							
<b>Presents at EXPOBIOMASA:</b> Irene Mediavilla - CEDER-CIEMAT <a href="mailto:irene.mediavilla@ciemat.es">irene.mediavilla@ciemat.es</a> <b>Coordinator:</b> Pedro Mauri - IMIDRA <a href="mailto:pedro.mauri@madrid.org">pedro.mauri@madrid.org</a> <b>Dissemination:</b> Pedro Mauri - IMIDRA <a href="mailto:pedro.mauri@madrid.org">pedro.mauri@madrid.org</a>				<b>Website:</b> Currently under development. Provisional website <a href="https://jlloret.webs.upv.es/BIOCISTUS/proyecto.html">https://jlloret.webs.upv.es/BIOCISTUS/proyecto.html</a> <b>Reference to the R&amp;D programme:</b> <a href="http://www.ceder.es/proyectos-biomasa">http://www.ceder.es/proyectos-biomasa</a> <b>Social networking:</b> Twitter: @0Biocistus Instagram: @biocistus_4.0 Linked in: Biocistus Project			

## BIOVALOR – Sustainable forestry management and agriculture for high VALUE BIOproducts to meet the demographic challenge



VICEPRESIDENCIA  
TERCERA DEL GOBIERNO  
MINISTERIO  
PARA LA TRANSICIÓN ECOLÓGICA  
Y EL RETO DEMOGRÁFICO



**Plan de Recuperación,  
Transformación  
y Resiliencia**



Financiado por  
la Unión Europea  
NextGenerationEU



	<b>OBJECTIVE</b> BIOVALOR aims to boost the bioeconomy through the development of new value chains around sustainable forest management and the cultivation of indigenous aromatic species on marginal lands for the production of essential oils, extracts and by-products with high added value.						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>• Actions in autochthonous pine and juniper stands: identification of pine and juniper stands, application of silvicultural treatments, mechanised harvesting.</li> <li>• Development of cultivation of indigenous aromatic and medicinal plant species adapted to marginal lands.</li> <li>• Obtaining, characterisation and potential use of products and by-products: essential oils, extracts, residual biomass.</li> <li>• Environmental impact assessment along the entire value chain: BIOVALOR as a tool to increase biodiversity and generate resilient territories.</li> <li>• Digitalisation for sustainable forestry and agriculture.</li> <li>• Creation of new business models for the demographic challenge: product market analysis, green entrepreneurship plan, social and economic impact assessment.</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>• Enhancing new applications of oils and extracts [September ... → ]</li> <li>• Web application for forest owners/managers [December 2025 ] →</li> <li>• Open training platform [January 2024 ... ] →</li> <li>• Technical training days for farmers/forestry managers [January 2024 - December 2025].</li> <li>• Training courses at universities and vocational training centres [January 2024 - December 2025].</li> <li>• Green entrepreneurship workshops [January 2024 - December 2025]</li> <li>• "Demo days with visits and workshops with experts [January - December 2025].</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> Tamara Coello - Cesefor <a href="mailto:tamara.coello@cesefor.com">tamara.coello@cesefor.com</a>  <b>Coordinator:</b> Raquel Ramos - CEDER <a href="mailto:raquel.ramos@ciemat.es">raquel.ramos@ciemat.es</a>  <b>Dissemination:</b> Tamara Coello, Mario Seoane <a href="mailto:mario.seoane@cesefor.com">mario.seoane@cesefor.com</a>		<b>Website:</b> <a href="https://biovalor.es/">https://biovalor.es/</a>  <b>Social networking:</b> <a href="https://twitter.com/pbiovalor23">https://twitter.com/pbiovalor23</a> <a href="https://www.linkedin.com/company/88029416/admin/">https://www.linkedin.com/company/88029416/admin/</a> <a href="https://www.youtube.com/@pbiovalor23en">https://www.youtube.com/@pbiovalor23en</a>				

## ESjara – Rockrose Essential Oil for the development of the rural bioeconomy



Grupo Operativo • **ESjara**



	<b>OBJECTIVE</b> The objective of ESjara is to develop the value chain for the use of rockroses ( <i>Cistus ladanifer</i> and <i>Cistus laurifolius</i> ) to obtain essential oils by valorising waste and by-products.						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>• Identification of the potential of the jarales for the production of essential oils in 5 pilot areas with an abundance of these formations.</li> <li>• Development of innovative solutions for bringing new areas into production through resource management by means of mechanised harvesting and improvement of the value chain, integrating the digitalisation of processes and precision harvesting tools.</li> <li>• Development of new applications for rockrose essential oils and by-products that provide new uses, greater added value and circularity in the value chain.</li> <li>• Generation of a business model, focused on end users, that incorporates innovation and allows for the development of the harvesting activity in new areas of the national territory and the development of the associated primary processing industry.</li> <li>• Cooperation, transfer and dissemination of opportunities for the enhancement of value to the rural population.</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>• Promoting new uses of rockrose oil and hydrolat [September 2023 ...→ ]</li> <li>• ESjaraQR Tool [July 2024 ...→ ]</li> <li>• Valorisation of residual biomass from distillation [September 2023 ...→ ]</li> <li>• Value generation for private forest owners [January 2025 ...→ ]</li> <li>• Dissemination conferences (Burgos, Zamora, Guadalajara, Badajoz) [January 2024 - March 2025]</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> Tamara Coello - Cesefor <a href="mailto:tamara.coello@cesefor.com">tamara.coello@cesefor.com</a> <b>Coordinator:</b> Aida Rodríguez - Cesefor <a href="mailto:aida.rodriguez@cesefor.com">aida.rodriguez@cesefor.com</a> <b>Dissemination:</b> Aida Rodríguez, Mario Seoane <a href="mailto:mario.seoane@cesefor.com">mario.seoane@cesefor.com</a>				<b>Website:</b> <a href="https://www.goesjara.es/">https://www.goesjara.es/</a> <b>Social networking:</b> Under construction		

## TREEADS – Holistic ecosystem in forest fire management.

*Prevention, detection and restoration of forest fires*



Funded by the Horizon 2020  
Framework Programme of the  
European Union

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	<b>OBJECTIVE</b> <p>Integrated management of a forest fire prevention, detection and restoration system.</p> <p>It is proposed to improve forest management with a focus on protection and regeneration to reduce the impact of forest fires while increasing the benefits of restoration.</p>						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>• Contribution to societal challenges through integrated wildfire management, increasing resilience and early response to wildfires.</li> <li>• Improved efficiency in fire-fighting operations.</li> <li>• Improved operational response and wildfire risk mitigation algorithms.</li> <li>• Implementation and validation of solutions in real environments.</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>• Definition of actions in rural areas [Jun 2023]</li> <li>• Implementation of solutions in real environments [Jul.23 - Dec.24]</li> <li>• Integration of solutions in the bioeconomy framework [Jul.23 - Dec.24]</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> <p>Alberto López Casillas - Provincial Council of Ávila</p> <p><a href="mailto:alopez@diputacionavila.es">alopez@diputacionavila.es</a></p> <b>Coordinator:</b> <p>Kemal Arsava - RISE</p> <p><a href="mailto:kemal.sarp.arsava@rise.fr.no">kemal.sarp.arsava@rise.fr.no</a></p> <b>Dissemination:</b> <p>Accelligence</p> <p><a href="mailto:treeads-dissemination-office@accelligence.tech">treeads-dissemination-office@accelligence.tech</a></p>				<b>Website:</b> <p><a href="https://treeads-project.eu/">https://treeads-project.eu/</a></p> <b>Programme page:</b> <p><a href="https://cordis.europa.eu/project/id/101036926">https://cordis.europa.eu/project/id/101036926</a></p> <b>Social networking:</b> <p><a href="https://twitter.com/TREEADSH2020">https://twitter.com/TREEADSH2020</a></p> <p><a href="https://www.linkedin.com/company/treeads-h2020">https://www.linkedin.com/company/treeads-h2020</a></p> <p><a href="https://www.youtube.com/@treeadsproject9633">https://www.youtube.com/@treeadsproject9633</a></p>		

## FIREPOCTEP – Strengthening of cross-border forest fire prevention and suppression systems and improvement of resources for rural employment generation post Covid-19



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	<b>OBJECTIVE</b> <p>The objective of FIREPOCTEP is to strengthen the forest fire prevention and extinguishing systems on the border between Spain and Portugal, an area where the forest situation overlaps.</p> <p>The possibilities of improving prevention and extinguishing systems are a basis for improving the possibilities of employment generation in rural areas.</p>						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>• Identification of Strategic Management Zones in the territory to minimise the risk and impact of large fires through integrated landscape management.</li> <li>• Encourage investment in pilot experiences in the framework of the Circular Green Economy, as a potential for employment generation in rural areas.</li> <li>• Raising awareness of the consequences and prevention of major forest fires.</li> <li>• Training in self-protection actions against the risk of forest fires.</li> <li>• Train and equip staff for cross-border operations.</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>• Identification of Strategic Management Areas in rural areas [ 2023]</li> <li>• Analysis of productive firewall opportunities [Jan.24 - Marz.24]</li> <li>• Implementation of productive firebreak actions [Mar.24 - ]</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> Alberto López Casillas -Avila Provincial Council <a href="mailto:alopez@diputacionavila.es">alopez@diputacionavila.es</a> <b>Coordinator:</b> Alejandro García Hernández - Junta de Andalucía <a href="mailto:firepoctep@juntadeandalucia.es">firepoctep@juntadeandalucia.es</a> <b>Dissemination:</b> Ignacio Fernández Gavira - Regional Government of Andalusia <a href="mailto:ignacio.fernandez.gavira@juntadeandalucia.es">ignacio.fernandez.gavira@juntadeandalucia.es</a>				<b>Website:</b> <a href="https://firepoctep.eu">https://firepoctep.eu</a> <b>Programme page:</b> <a href="#">Link to project page in POCTEP Programme</a> <b>Social networking:</b> <a href="https://twitter.com/firepoctep">https://twitter.com/firepoctep</a> <a href="https://www.facebook.com/firepoctep">https://www.facebook.com/firepoctep</a> <a href="https://www.youtube.com/@proyectofirepoctep6482">https://www.youtube.com/@proyectofirepoctep6482</a>		



## CHAMELEON – Development of reconfigurable drones to provide on-demand services in the rural environment.

*Application in agriculture, forestry and livestock to boost rural development*



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	<b>OBJECTIVE</b> <p>Optimise production and identify potential problems in agriculture, livestock and forestry in rural areas that can be tackled with the use of reconfigurable drones according to the demand for services requested of them.</p> <p>Launch of open calls for SMEs developing products, processes and business models with market potential based on livestock, agriculture and forestry services.</p>						
	<b>LINES OF ACTION</b> <ul style="list-style-type: none"> <li>• Forest health assessment tool through the study of diseases and pests.</li> <li>• Identification and calculation of the amount of carbon sequestration and estimation of biomass in vineyards, olive and almond groves.</li> <li>• Identification and monitoring of water stress in crops to improve irrigation management.</li> <li>• Livestock management improvement tool and livestock health identification.</li> </ul>						
	<b>SEARCH FOR SYNERGIES</b> <ul style="list-style-type: none"> <li>• Definition of livestock, agriculture and forestry actions [Jun 2023]</li> <li>• Implementation of solutions in real environments [Jul.23 - Jul.24]</li> <li>• Open calls for application development Oct.23 - Jun.25 [Oct.23 - Jun.25]</li> </ul>						
	<b>Presents at EXPOBIOMASA:</b> Alberto López Casillas - Provincial Council of Ávila <a href="mailto:alopez@diputacionavila.es">alopez@diputacionavila.es</a> <b>Coordinator:</b> Pantelis Velanas - ACCELIGENCE <a href="mailto:pvelanas@accelligence.tech">pvelanas@accelligence.tech</a> <b>Dissemination:</b> Diego Gonzalez Aguilera- USAL <a href="mailto:daguilera@usal.es">daguilera@usal.es</a>				<b>Website:</b> <a href="https://chameleon-heu.eu/">https://chameleon-heu.eu/</a> <b>Programme page:</b> <a href="https://cordis.europa.eu/project/id/101060529">https://cordis.europa.eu/project/id/101060529</a> <b>Social networking:</b> <a href="https://twitter.com/Chameleon_HEU">https://twitter.com/Chameleon_HEU</a> <a href="https://www.linkedin.com/in/chameleonheu/">https://www.linkedin.com/in/chameleonheu/</a> <a href="https://www.youtube.com/channel/UCH51xT8qgn75sUxisqgN1pw">https://www.youtube.com/channel/UCH51xT8qgn75sUxisqgN1pw</a>		

## transForm — Agenda for digital transformation of forest value chains into a more resilient, low-carbon Portuguese economy

### REGIONAL NETWORKS FOR HIGHER BIOMASS VALORIZATION



	<p><b>AIM</b></p> <p><b>transForm</b> is an Agenda created under the <b>Recovery and Resilience Plan (RRP)</b>, which focuses on Business Capitalisation and Innovation, in the context of the incentive systems for <b>Mobilising Agendas and Green Agendas for Business Innovation</b>.</p> <p>The objective of the project <b>REGIONAL NETWORKS FOR HIGHER BIOMASS VALORIZATION</b> is to increased valorization of woody biomass through the implementation of a regional collection and exploration network, reducing the fire risk through the collection of forest residues, avoiding forest burning and also landfilling</p>						
	<p><b>R&amp;D ACTIVITIES</b></p> <ul style="list-style-type: none"> <li>Energy valorization of woody biomass on a regional scale and solutions for densification and transport (CBE)</li> <li>Characterization, design and management of woody biomass logistics (INESC TEC)</li> </ul> <p><b>PRODUCTIVE INNOVATION</b></p> <ul style="list-style-type: none"> <li>Productive investment in infrastructure and equipment aimed to implement a regional biomass collection network (CIM Coimbra)</li> </ul> <p><b>OTHER ACTIVITIES</b></p> <ul style="list-style-type: none"> <li>Business model development and regional network operation (INESC TEC)</li> <li>Promotion and dissemination of results (Forestis)</li> </ul>						
	<p><b>COORDINATOR</b> Reinaldo Gomes - INESC TEC <a href="mailto:reinaldo.s.gomes@inesctec.pt">reinaldo.s.gomes@inesctec.pt</a></p> <p><b>CBE CONTACTS</b> Sónia Figo <a href="mailto:sonia.figo@centrodabiomassa.pt">sonia.figo@centrodabiomassa.pt</a> Teresa Almeida <a href="mailto:teresa.almeida@centrodabiomassa.pt">teresa.almeida@centrodabiomassa.pt</a> André Pires (Presenter at EXPOBIOMASA) <a href="mailto:andre.pires@centrodabiomassa.pt">andre.pires@centrodabiomassa.pt</a></p> <p><b>PROGRAM</b> <a href="https://recuperarportugal.gov.pt/2022/07/28/transform/">https://recuperarportugal.gov.pt/2022/07/28/transform/</a></p>						

## MEETING ORGANISED BY:



## COLLABORATING PROJECTS [1 of 3]. (per programme):

### PROYECTOS COLABORADORES (por programas)

#### Programa Horizonte H2020 y Europa



#### Programa BBI JU



#### Programa LIFE



## COLLABORATING PROJECTS [2 of 3]. (per programme):

### Programa INTERREG



### Programas de Cooperación Internacional



### Fondos FEADER – Desarrollo Rural



### Programas Nacionales y fondos FEDER

LDBA



UNIÓN EUROPEA

Fondo Europeo de Desarrollo Regional  
"Una manera de hacer Europa"



## COLLABORATING PROJECTS [3 of 3]. (per programme):



### Proyectos de iniciativa privada

*Aprovechamiento de  
residuos agrícolas para  
desarrollo de materiales  
biobasados*



**Biomasa Forestal en el sector  
industrial de Jalisco, México**



**CLUSTER  
FORESTAL**