

## Development of a prototype crosslaminated timber panel made from local timber to improve the construction of buildings in terms of sustainability (Grup Boix)



*The project assessed the technical and economic feasibility of manufacturing cross-laminated timber (CLT) panels in Catalonia using local timber. A prototype was created, evaluating wood processing, product quality, and market potential. Results indicated strong material performance but challenges in cost and availability of raw materials. Further research is suggested to enhance processing yields and competitiveness. Overall, CLT production in Catalonia is technologically feasible, with potential for growth in demand.*

For more information see FOREST4EU factsheet ([click on](#))

## Más DETALLES

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<b>RETO ABORDADO</b>	<b>DOMINIO</b>	<b>TIPO DE SOLUCIÓN</b>
6. Hacer crecer la bioeconomía forestal mediante el uso circular y los productos de valor añadido	Industria de la construcción con madera Gestión de la innovación, hubs digitales, clusters, explotación (transversal)	--
<b>PALABRAS CLAVE</b>	<b>SOLUCIÓN DIGITAL</b>	<b>INNOVACIÓN</b>
Cross-Laminated Timber (CLT) Feasibility Local Timber and Manufacturing Processes.	--	No
<b>PAÍS DE ORIGEN</b>	<b>ESCALA DE APLICACIÓN</b>	<b>AÑO DE INICIO Y FIN</b>
España	--	--

## DATOS DE CONTACTO

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<b>PROPIETARIO O AUTOR</b>	<b>REPORTADOR</b>
Operational group (Development of a prototype crosslaminated timber panel made from local timber to improve the construction of buildings in terms of sustainability)	Aitor Colell

## REFERENCES AND RESOURCES

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<b>SITIO WEB PRINCIPAL</b>	<b>RECURSOS</b>
<a href="https://www.arescat.cat/es/2018/11/23/arescat-participa-en-lo-proyecto-desarrollo-de-un-panel-prototipo-de-madera-laminada-cruzada-con-madera-local-para-mejorar-la-construccion-de-edificios-en-temas-de-sostenibilidad/">https://www.arescat.cat/es/2018/11/23/arescat-participa-en-lo-proyecto-desarrollo-de-un-panel-prototipo-de-madera-laminada-cruzada-con-madera-local-para-mejorar-la-construccion-de-edificios-en-temas-de-sostenibilidad/</a>	--
<b>SITIO WEB DEL PROYECTO</b>	

<https://www.forest4eu.eu/>

REFERENCIA DEL PROYECTO

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PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA  
FOREST4EU

FECHA DE MENSAJE  
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