

## 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](#))

## MEHR DETAILS

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<b>ANGESPROCHENE HERAUSFORDERUNG</b>	<b>DOMÄNE</b>	<b>ART DER LÖSUNG</b>
6. Ausbau der forstbasierten Bioökonomie durch zirkuläre Nutzung und Produkte mit Mehrwert	Holzbau-Industrie Innovationsmanagement, digitale Hubs, Cluster, Verwertung (bereichsübergreifend)	--
<b>SCHLÜSSELWÖRTER</b>	<b>DIGITALE LÖSUNG</b>	<b>INNOVATION</b>
Cross-Laminated Timber (CLT) Feasibility Local Timber and Manufacturing Processes.	--	Nein
<b>HERKUNFTSLAND</b>	<b>UMFANG DER ANWENDUNG</b>	<b>ANFANGS- UND ENDJAHR</b>
Spanien	--	--

## KONTAKTDATEN

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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>HAUPT-WEBSITE</b>	<b>RESSOURCEN</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>PROJEKT-WEBSITE</b>	

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

PROJEKT-REFERENZ

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PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE  
FOREST4EU

BEITRAGSDATUM  
24 Okt. 2024

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