

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

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

KONTAKTDATEN

EIGENTÜMER ODER AUTOR	REPORTER
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

HAUPT-WEBSITE	RESSOURCEN
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/	--
PROJEKT-WEBSITE	

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

PROJEKT-REFERENZ

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PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE
FOREST4EU

BEITRAGSDATUM
24 Okt. 2024



This project has received funding from the European Union's Horizon
2020 research and innovation programme under grant agreement No.
862681

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