

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](#))

MAI MULTE DETALII

PROVOCARE ABORDATĂ	DOMAIN	TIP DE SOLUȚIE
6. Creșterea bioeconomiei forestiere prin utilizarea circulară și produse cu valoare adăugată	Industria construcțiilor din lemn Managementul inovației, hub-uri digitale, clustere, exploatare (transversală)	--
CUVINTE CHEIE	SOLUȚIE DIGITALĂ	INOVAȚIE
Cross-Laminated Timber (CLT) Feasibility Local Timber and Manufacturing Processes.	--	Nu
ȚARA DE ORIGINE	SCARA DE APLICARE	ANUL DE ÎNCEPUT ȘI DE SFÂRȘIT
Spania	--	--

DATE DE CONTACT

PROPRIETAR SAU 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

PAGINĂ WEB	RESURSE
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/	--

WEBSITE PROJECT

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

REFERINȚĂ PROIECT

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PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATĂ ACEASTĂ FIȘĂ INFORMATIVĂ
FOREST4EU

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