

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](#))

VEČ PODROBNOSTI

IZZIV	DOMENA	TIP REŠITVE
6. Napredek krožnega bio-gospodarstva na podlagi dodane vrednosti gozdnih proizvodov	Lesena gradnja Inovativno upravljanje, digitalna vozlišča, grozdi	--
KLJUČNE BESEDE	DIGITALNE REŠITVE	INOVACIJA
Cross-Laminated Timber (CLT) Feasibility Local Timber and Manufacturing Processes.	--	Ne
IZVORNA DRŽAVA	OBSEG UPORABE	ZAČETNO IN KONČNO LETO
Španija	--	--

KONTAKTN PODATKI

LASTNIK OZ. AVTOR	POROČEVALEC
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

SPLETNA STRAN	VIRI
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/	--
SPLETNA STRAN PROJEKTA	
https://www.forest4eu.eu/	

REFERENCA PROJEKTA

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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI
FOREST4EU

DATUM OBJAVE
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