

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.

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VIŠE DETALJA

IZAZOV	DOMENA	VRSTA RJEŠENJA
6. Rast bioekonomije temeljene na šumi kroz kaskadnu uporabu i proizvode dodane vrijednosti	Drvena građevinska industrija Upravljanje inovacijama, digitalni centri, klasteri, eksploatacija (transverzalno)	--
KLJUČNE RIJEČI	DIGITALNO RJEŠENJE	INOVACIJA
Cross-Laminated Timber (CLT) Feasibility Local Timber and Manufacturing Processes.	--	Ne
ZEMLJA PODRIJETLA	PODRUČJE PRIMJENE	POČETAK I KRAJ GODINE
Španjolska	--	--

KONTAKT PODATCI

VLASNIK ILI AUTOR	IZVJESTITELJ
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

GLAVNA WEB STRANICA	IZVORI
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/	--
WEB STRANICA PROJEKTA	

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

REFERENCA PROJEKTA

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN
FOREST4EU

DATUM UNOSA
24 lis 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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