

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](#))

MER INFORMASJON

UTFORDRING ADRESSERT	DOMENE	TYPE LØSNING
6. Øke den skogbaserte bioøkonomien gjennom sirkulær bruk og merverdi produkter	Industri for bygg i tre Innovasjonsledelse, digitale knutepunkter, klynger	--
NØKKELORD	DIGITAL LØSNING	INNOVASJON
Cross-Laminated Timber (CLT)	--	Nei
Feasibility		
Local Timber and Manufacturing Processes.		
OPPRINELSESLAND	POTENSIALE	START OG SLUTT åR
Spania	--	--

KONTAKT INFORMASJON

EIER ELLER FORFATTER	RAPPORTØR
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

HJEMMESIDE (HOVEDSIDE)	RESSURSER
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/	--
PROSJEKTETS HJEMMESIDE	
https://www.forest4eu.eu/	

REFERANSE TIL PROSJEKT

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