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)

VIAC INFORMáCIí

RIEšENá VýZVA	DOMAIN	TYP RIEšENIA
6. Rozvoj lesného biohospodárstva prostredníctvom obehového využívania a produktov s pridanou hodnotou	Odvetvie drevených konštrukcií Správa inovácií, digitálne uzly, klastre, využívanie (priebežné)	--
KľúčOVé SLOVá	**DIGITALNE RIEšENIE**	**INOVáCIE**
Cross-Laminated Timber (CLT) Feasibility Local Timber and Manufacturing Processes.	--	Nie
KRAJINA PôVODU	**ROZSAH APLIKáCIE**	**ZAČIATOK A KONIEC ROKA**
Španielsko	--	--

KONTAKTNé úDAJE

VLASTNíK ALEBO AUTOR

Operational group (Development of a prototype crosslaminated timber panel made from local timber to improve the construction of buildings in terms of sustainability)

REPORTéR

Aitor Colell

REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA

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/

PROJEKTOVá WEBSTRáNKA

ZDROJE

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https://www.forest4eu.eu/

REFERENCIA PROJEKTU

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PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

FOREST4EU

DáTUM ODOSLANIA

24 okt 2024

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