

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](#))

RIEŠENá VýZVA	DOMAIN	TYP RIEŠENIA
6. Rozvoj lesného biohospodárstva prostredníctvom obeholového 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)	--	Nie
Feasibility Local Timber and Manufacturing Processes.		
KRAJINA PÔVODU	ROZSAH APLIKáCIE	ZAČIATOK A KONIEC ROKA
Španielsko	--	--

KONTAKTNÉ
ÚDAJE

VLASTNÍK ALEBO AUTOR	REPORTér
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REFERENCES AND RESOURCES

HLAVNÁ WEBSTRÁNKA	ZDROJE
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	

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

REFERENCIA PROJEKTU

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