

## 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

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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	--
NØKKEWORD	DIGITAL LØSNING	INNOVASJON
Cross-Laminated Timber (CLT) Feasibility Local Timber and Manufacturing Processes.	--	Nei
OPPRINELSESLAND	POTENSIALE	START OG SLUTT ÅR
Spania	--	--

## KONTAKT INFORMASJON

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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

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HJEMMESIDE (HOVEDSIDE)	RESSURSER
<a href="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/">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/</a>	--
PROSJEKTETS HJEMMESIDE	
<a href="https://www.forest4eu.eu/">https://www.forest4eu.eu/</a>	

REFERANSE TIL PROSJEKT

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER  
FOREST4EU

INNLEGGSDATO  
24 okt 2024

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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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