

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 | DIGITÁLNE 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 | REPORTÉR |
|---|--------------|
| 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

| 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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PROJEKT, V RÁMCI KTORÉHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ
FOREST4EU

DÁTUM ODOSLANIA
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