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)

MAI MULTE DETALII

PROVOCARE ABORDATă

6. Creșterea bioeconomiei forestiere prin utilizarea circulară și produse cu valoare adăugată

DOMAIN

Industria construcțiilor din lemn

Managementul inovației, hub-uri digitale, clustere, exploatare (transversală)

TIP DE SOLUțIE

--

CUVINTE CHEIE

Cross-Laminated Timber (CLT)

Feasibility

Local Timber and Manufacturing Processes.

SOLUțIE DIGITALă

--

INOVAțIE

Nu

ȚARA DE ORIGINE

Spania

SCARA DE APLICARE

--

ANUL DE îNCEPUT șI DE SFâRșIT

--

DATE DE CONTACT

PROPRIETAR SAU AUTOR

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

REPORTER

Aitor Colell

REFERENCES AND RESOURCES

PAGINă WEB

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/

WEBSITE PROJECT

RESURSE

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https://www.forest4eu.eu/

REFERINță PROIECT

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PROIECTUL ÎN CADRUL CăRUIA A FOST CREATă ACEASTă FIșă INFORMATIVă

FOREST4EU

DATA POSTăRII

24 Oct 2024

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