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)

VEč PODROBNOSTI

IZZIV

6. Napredek krožnega bio-gospodarstva na podlagi dodane vrednosti gozdnih proizvodov

DOMENA

Lesena gradnja

Inovativno upravljanje, digitalna vozlišča, grozdi

TIP REŠITVE

--

KLJUČNE BESEDE

Cross-Laminated Timber (CLT)

Feasibility

Local Timber and Manufacturing Processes.

DIGITALNE REŠITVE

--

INOVACIJA

Ne

IZVORNA DRŽAVA

Španija

OBSEG UPORABE

--

ZAČETNO IN KONČNO LETO

--

KONTAKTN PODATKI

LASTNIK OZ. AVTOR

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

POROČEVALEC

Aitor Colell

REFERENCES AND RESOURCES

SPLETNA STRAN

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/

SPLETNA STRAN PROJEKTA

https://www.forest4eu.eu/

VIRI

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REFERENCA PROJEKTA

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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

FOREST4EU

DATUM OBJAVE

24 Okt 2024

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