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)

VIŠE DETALJA

IZAZOV

6. Rast bioekonomije temeljene na šumi kroz kaskadnu uporabu i proizvode dodane vrijednosti

DOMENA

Drvna građevinska industrija

Upravljanje inovacijama, digitalni centri, klasteri, eksploatacija (transverzalno)

VRSTA RJEŠENJA

--

KLJUČNE RIJEČI

Cross-Laminated Timber (CLT)

Feasibility

Local Timber and Manufacturing Processes.

DIGITALNO RJEŠENJE

--

INOVACIJA

Ne

ZEMLJA PODRIJETLA

Španjolska

PODRUČJE PRIMJENE

--

POČETAK I KRAJ GODINE

--

KONTAKT PODATCI

VLASNIK ILI AUTOR

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

IZVJESTITELJ

Aitor Colell

REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

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/

WEB STRANICA PROJEKTA

IZVORI

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https://www.forest4eu.eu/

REFERENCA PROJEKTA

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

FOREST4EU

DATUM UNOSA

24 lis 2024

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