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

UTFORDRING ADRESSERT

6. Øke den skogbaserte bioøkonomien gjennom sirkulær bruk og merverdi produkter

DOMENE

Industri for bygg i tre

Innovasjonsledelse, digitale knutepunkter, klynger

TYPE LøSNING

--

NøKKELORD

Cross-Laminated Timber (CLT)

Feasibility

Local Timber and Manufacturing Processes.

DIGITAL LøSNING

--

INNOVASJON

Nei

OPPRINELSESLAND

Spania

POTENSIALE

--

START OG SLUTT åR

--

KONTAKT INFORMASJON

EIER ELLER FORFATTER

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

RAPPORTøR

Aitor Colell

REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

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/

RESSURSER

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PROSJEKTETS HJEMMESIDE

https://www.forest4eu.eu/

REFERANSE TIL PROSJEKT

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

FOREST4EU

INNLEGGSDATO

24 okt 2024

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