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 INFORMATION

UTMANING SOM ADRESSERAS

6. Odla den skogsbaserade bioekonomin genom cirkulär användning och mervärdesprodukter

DOMäN

Industri for träbyggnation

Innovasions ledning, digitala hubbar, kluster

TYPE AV LöSNING

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NYCKELORD

Cross-Laminated Timber (CLT)

Feasibility

Local Timber and Manufacturing Processes.

DIGITAL LöSNING

--

INNOVASION

Nej

UPPHOVSLAND

Spanien

POTENTIAL

--

START OCH SLUTåR

--

KONTAKT INFORMASION

ÄGARE ELLER FöRFATTARE

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

RAPPORTöR

Aitor Colell

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

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/

RESURSER

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PROJEKTETS HEMSIDA

https://www.forest4eu.eu/

PROJEKTREFERENS

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PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

FOREST4EU

DATUM FöR INLäGG

24 okt 2024

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Link to Rosewood 4.0

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