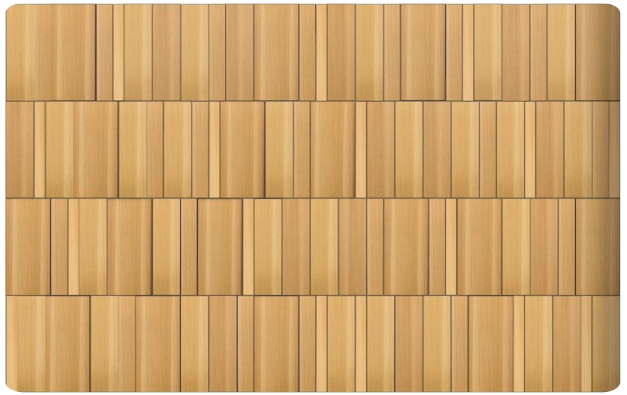
Innovative wood wall panels



Innovative wood wall panels as decorative details in rooms and/or structural elements of partition walls for sustainable construction

The purpose of the project is to develop a new technology for the production of wooden wall panels and partitions and load-bearing walls with a significant proportion of oak veneer and sawn oak elements. The goal of the project is to develop innovative wooden wall panels and innovative partitions and load-bearing walls for sustainable construction. The results of the research are an innovative modular wooden veneer wall covering and a wooden partition and load-bearing wall for the sustainable construction of residential and public buildings. The developed veneer wall panels will have the function of covering classic walls, but at the same time it will also be part of the developed modular partitions and load-bearing walls in the interior of wooden buildings. The developed innovative wall decorations will be made of oak veneer, and the load-bearing walls will have oak paneling in the interior and exterior, and represent a novelty for the macro-regional market, as well as the global market. The end result of the industrial research is the concept of finished wooden products for wall panels and green construction, which will be proven by the careful selection of materials and the continuous implementation of LCA analysis at the level of materials, assembly and finished product, as well as the careful creation of decor that allows the introduction of individual, ecological and healthy features of nature, and which increase the feeling of well-being among users of the interior.

Più DETTAGLI

SFIDA RISOLTA

6. Far crescere bioeconomia foresta a base attraverso l'uso circolare e prodotti a valore aggiunto

DOMINIO

Ricerca e sviluppo

TIPO DI SOLUZIONE

Circolari, prodotti a base biologica

PAROLE CHIAVE

oak; massive; reinforced; stabilized

SOLUZIONE DIGITALE

No

INNOVAZIONE

Sì

PAESE D'ORIGINE

Croazia

SCALA DI APPLICAZIONE

Transfrontaliera / multilaterale

INIZIO E FINE ANNO

2020 -

CONTATTI

PROPRIETARIO O AUTORE

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REFERENCES AND RESOURCES

SITO PRINCIPALE

https://spacva.eu

SITO WEB DEL PROGETTO

https://spacva.eu/eu-projects/new-eu-project

PROGETTO DI RIFERIMENTO

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RISORSE

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LOGO DELLE MIGLIORI PRATICHE

LOGO DELLA PRINCIPALE ORGANIZZAZIONE

SPAČVA

PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood 4.0

DATA DI INSERIMENTO

24 Mar 2023

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

cesefor
Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León