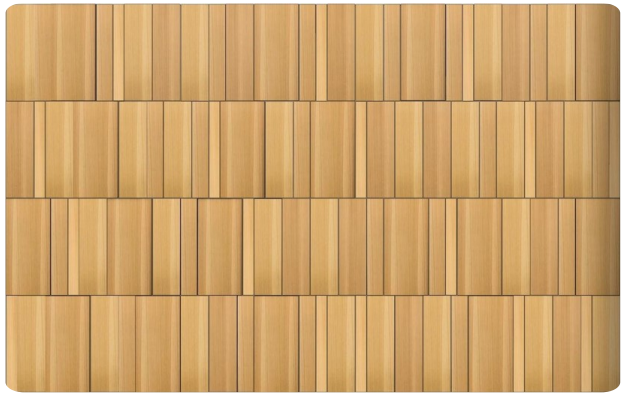
Innovative wood wall panels



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.

MER INFORMASJON

UTFORDRING ADRESSERT

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

DOMENE

Forskning og utvikling

TYPE LøSNING

Sirkulære, biobaserte produkter

NøKKELORD

oak; massive; reinforced; stabilized

DIGITAL LøSNING

Nei

INNOVASJON

Ja

OPPRINELSESLAND

Kroatia

POTENSIALE

Grenseoverskridende/transnasjonal

START OG SLUTT åR

2020 -

KONTAKT INFORMASJON

EIER ELLER FORFATTER

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REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

https://spacva.eu

RESSURSER

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PROSJEKTETS HJEMMESIDE

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

REFERANSE TIL PROSJEKT

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LOGO FOR BESTE PRAKSIS

LOGO FOR HOVEDORGANISASJON

SPAČVA

PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

24 Mar 2023

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

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