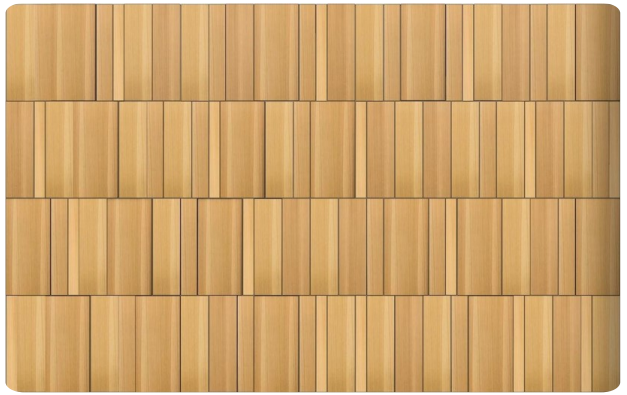
Innovative wood wall panels



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.

PLUS DE DéTAILS

DéFI CONCERNé

6. Faire grandir la bioéconomie basée sur la forêt à travers les circuits courts et les produits à valeur ajoutée

DOMAINE

Recherche et développement

TYPE DE SOLUTION

Produits biosourcés, économie circulaire

MOTS-CLéS

oak; massive; reinforced; stabilized

SOLUTION DIGITALE

Non

INNOVATION

Oui

PAYS D'ORIGINE

Croatie

ECHELLE D'APPLICATION

Transfrontalière/Multilatérale

DéBUT ET FIN D'ANNéE

2020 -

INFORMATIONS DE CONTACT

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REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

https://spacva.eu

SITE WEB DU PROJET

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

RéFéRENCE DU PROJET

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RESSOURCES

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LOGO DE LA BONNE PRATIQUE

LOGO DE L'ORGANISATION PRINCIPALE

SPAČVA

PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRééE

Rosewood 4.0

DATE DE PUBLICATION

24 mar 2023

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

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