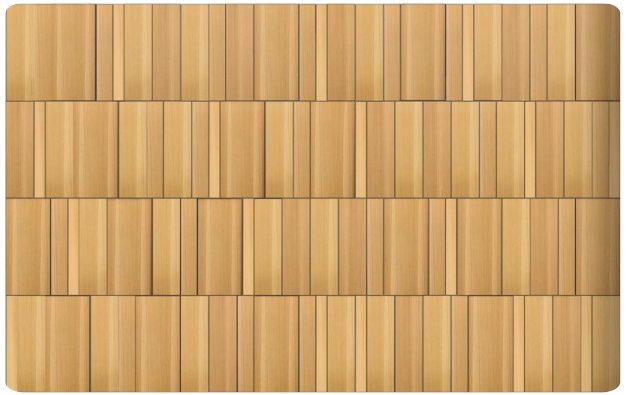
Innovative wood wall panels



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.

MáS DETALLES

RETO ABORDADO

6. Hacer crecer la bioeconomía forestal mediante el uso circular y los productos de valor añadido

DOMINIO

Investigación y desarrollo

TIPO DE SOLUCIóN

Productos circulares y de base biológica

PALABRAS CLAVE

oak; massive; reinforced; stabilized

SOLUCIóN DIGITAL

No

INNOVACIóN

Si

PAíS DE ORIGEN

Croacia

ESCALA DE APLICACIóN

Transfronterizo/multilateral

AñO DE INICIO Y FIN

2020 -

DATOS DE CONTACTO

PROPIETARIO O AUTOR

Bjelin Spačva Ltd

Ines Baričević

ines.baricevic@bjelin.hr

https://spacva.eu/

REPORTADOR

Competence Centre Ltd

Ivan Ambroš

ambros@cekom.hr

REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

https://spacva.eu

SITIO WEB DEL PROYECTO

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

REFERENCIA DEL PROYECTO

--

RECURSOS

--

LOGO DE LA BUENA PRáCTICA

LOGOTIPO DE LA ORGANIZACIóN PRINCIPAL

SPAČVA

PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood 4.0

FECHA DE MENSAJE

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

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