ReWin



Development and commercialization of wooden windows made of old, discarded wood, with special emphasis on wooden beams

The operation reduces the amount of discarded wood, which is otherwise deposited at landfills or burned. A new service life is given to old wood and its lifetime is extended, which directly influence the prolongation of CO2 storage. The key sources of old wood will are defined, technological solutions for the use of such wood was developed and procedures for the production of windows were developed in cooperation with R&D institutions with an emphasis on the analysis of contaminated wood, physical properties of wood and the appropriate surface treatment of such products.

M Sora has developed a prototype of a timber window ReWin made of disposed timber. ReWin window is a unique example of a product that was developed by recycling the disposed timber that would otherwise end up at landfill, and represents a completely fresh idea and innovation in the field of builders' joinery.

DETALLES

ORIGEN DE LA MADERA

Trabajos de deconstrucción

TIPO DE MADERA

Madera reciclada o de desecho

TIPO DE MADERA AFECTADA

Recycled wood, discarded wood

IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

Reuse of old wood

EFECTO SOBRE LOS INGRESOS

Positive / new technology

POTENCIAL DE EXPLOTACIóN

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HUB

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IMPACTO ECONóMICO

Enhancement of regionally added value / more efficient working processes /active learning

CONOCIMIENTOS ESPECíFICOS NECESARIOS

Knowledge on wood properties and the appropriate surface treatment of

POTENCIAL DE MOVILIZACIóN

all well preserved construction wood

POTENCIAL DE SOSTENIBILIDAD - VALOR

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FACILIDAD DE APLICACIóN

Funds and knowledge to develop windows from discarded wood

FACILIDAD DE IMPLEMENTACIóN - EVALUACIóN

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PREREQUISITOS CLAVE

Funds and knowledge to develop window from discarded wood

TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS

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EFECTO SOBRE EL EMPLEO

Better qualified staff

COSTES DE IMPLEMENTACIóN (EURO - €)

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MáS DETALLES

RETO ABORDADO

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

DOMINIO

Industria de la construcción con madera

Investigación y desarrollo

TIPO DE SOLUCIóN

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PALABRAS CLAVE

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SOLUCIóN DIGITAL

No

INNOVACIóN

No

PAíS DE ORIGEN

Eslovenia

ESCALA DE APLICACIóN

Local

AñO DE INICIO Y FIN

2017 - 2018

DATOS DE CONTACTO

PROPIETARIO O AUTOR

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REPORTADOR

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REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

http://www.m-sora.si/en/

SITIO WEB DEL PROYECTO

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REFERENCIA DEL PROYECTO

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RECURSOS

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PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood

FECHA DE MENSAJE

27 Sep 2019

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Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

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