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.

PODROBNOSTI

IZVOR LESA

Rušitvena dela

TIP LESA

Recikliran in odpadni les

VRSTA OBRAVNAVANEGA LESA

Recycled wood, discarded wood

VPLIV NA OKOLJE IN BIODIVERZITETO

Reuse of old wood

VPLIV NA PRIHODKE

Positive / new technology

POTENCIAL IZKORIŠČANJA

--

VOZLIŠČE

--

GOSPODARSKI VPLIV

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

POTREBNO SPECIFIČNO ZNANJE

Knowledge on wood properties and the appropriate surface treatment of

POTENCIAL ZA MOBILIZACIJO

all well preserved construction wood

TRAJNOST - VREDNOST

--

ENOSTAVNOST IZVEDBE

Funds and knowledge to develop windows from discarded wood

ENOSTAVNOST IZVEDBE - OCENJEVANJE

--

KLJUČNI PREDPOGOJI

Funds and knowledge to develop window from discarded wood

VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

--

VPLIV NA DELOVNA MESTA

Better qualified staff

STROŠKI IZVEDBE (EURO - €)

--

VEČ PODROBNOSTI

IZZIV

6. Napredek krožnega bio-gospodarstva na podlagi dodane vrednosti gozdnih proizvodov

DOMENA

Lesena gradnja

Raziskave in razvoj

TIP REŠITVE

--

KLJUČNE BESEDE

--

DIGITALNE REŠITVE

No

INOVACIJA

Ne

IZVORNA DRŽAVA

Slovenija

OBSEG UPORABE

Lokalni

ZAČETNO IN KONČNO LETO

2017 - 2018

KONTAKTN PODATKI

LASTNIK OZ. AVTOR

info@m-sora.si

POROČEVALEC

Slovenian Forestry Institute

polona.hafner@gozdis.si

REFERENCES AND RESOURCES

SPLETNA STRAN

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

SPLETNA STRAN PROJEKTA

--

REFERENCA PROJEKTA

--

VIRI

--

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

DATUM OBJAVE

27 Sep 2019

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