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.

DETALJER

OPPRINNELSE FOR TRE

Rivning

TYPE TRE

Returtre eller avfallstre

TYPE TRE INVOLVERT

Recycled wood, discarded wood

PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD

Reuse of old wood

INNTEKTSEFFEKT

Positive / new technology

UTNYTTELSESPOTENSIAL

--

HUB

--

ØKONOMISK PåVIRKNING

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

SPESIFIKKE KUNNSKAPSBEHOV

Knowledge on wood properties and the appropriate surface treatment of

MOBILISERINGSPOTENSIAL

all well preserved construction wood

BæREKRAFTPOTENSIAL - VERDI

--

ENKEL IMPLEMENTERING

Funds and knowledge to develop windows from discarded wood

ENKEL IMPLEMENTERING - EVALUERING

--

VIKTIGE FORUTSETNINGER

Funds and knowledge to develop window from discarded wood

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

--

EFFEKT På ARBEIDSPLASSER

Better qualified staff

KOSTNADER MED IMPLEMENTERING (EURO - €)

--

MER INFORMASJON

UTFORDRING ADRESSERT

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

DOMENE

Industri for bygg i tre

Forskning og utvikling

TYPE LØSNING

--

NØKKELORD

--

DIGITAL LØSNING

Nei

INNOVASJON

Nei

OPPRINELSESLAND

Slovenia

POTENSIALE

Lokal

START OG SLUTT åR

2017 - 2018

KONTAKT INFORMASJON

EIER ELLER FORFATTER

info@m-sora.si

RAPPORTØR

Slovenian Forestry Institute

polona.hafner@gozdis.si

REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

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

PROSJEKTETS HJEMMESIDE

--

REFERANSE TIL PROSJEKT

--

RESSURSER

--

PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood

INNLEGGSDATO

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