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

PôVOD DREVA

Dekonštrukčné práce

DRUH DREVA

Recyklované alebo odpadové drevo

UVAžOVANý DRUH DREVA

Recycled wood, discarded wood

VPLYV NA žIVOTNé PROSTREDIE A BIODIVERZITU

Reuse of old wood

DOPAD NA PRíJMY

Positive / new technology

POTENCIáL VYUžITIA

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ROZBOčOVAč

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EKONOMICKý VPLYV

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

POTREBA šPECIFICKýCH ZNALOSTí

Knowledge on wood properties and the appropriate surface treatment of

MOBILZAčNý POTENCIáL

all well preserved construction wood

POTENCIáL UDRžATEľNOSTI - HODNOTA

--

UľAHčENIE IMPLMENTáCIE

Funds and knowledge to develop windows from discarded wood

UľAHčENIE IMPLMENTáCIE - HODNOTENIE

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KľúčOVé PREPOKLADY

Funds and knowledge to develop window from discarded wood

TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANý

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DOPAD NA ZAMESTNANOSť

Better qualified staff

NáKLADY NA IMPLEMENTáCIU (EURO - €)

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VIAC INFORMáCIí

RIEšENá VýZVA

6. Rozvoj lesného biohospodárstva prostredníctvom obehového využívania a produktov s pridanou hodnotou

DOMAIN

Odvetvie drevených konštrukcií
Výskum a vývoj

TYP RIEšENIA

--

KľúčOVé SLOVá

--

DIGITALNE RIEšENIE

Nie

INOVáCIE

Nie

KRAJINA PôVODU

Slovinsko

ROZSAH APLIKáCIE

Local

ZAčIATOK A KONIEC ROKA

2017 - 2018

KONTAKTNé úDAJE

VLASTNíK ALEBO AUTOR

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REPORTéR

Slovenian Forestry Institute

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REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA

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

PROJEKTOVá WEBSTRáNKA

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REFERENCIA PROJEKTU

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ZDROJE

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PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

Rosewood

DáTUM ODOSLANIA

27 sep 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY