



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 be defined, technological solutions for the use of such wood were 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

MOBILZAČNÝ POTENCIÁL

all well preserved construction wood

POTENCIÁL UDRŽATEĽNOSTI - HODNOTA

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UVAŽOVANÝ DRUH DREVA

Recycled wood, discarded wood

UIĽAHČENIE IMPLEMENTÁCIE

Funds and knowledge to develop windows from discarded wood

VPLYV NA ŽIVOTNÉ PROSTREDIE A BIODIVERZITU

Reuse of old wood

UIĽAHČENIE IMPLEMENTÁCIE - HODNOTENIE

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DOPAD NA PRÍJMY

Positive / new technology

KľúčOVÉ PREPOKLADY

Funds and knowledge to develop window from discarded wood

POTENCIÁL VYUŽITIA

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TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANÝ

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ROZBOČOVAČ

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DOPAD NA ZAMESTNANOSŤ

Better qualified staff

EKONOMICKÝ VPLYV

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

NÁKLADY NA IMPLEMENTÁCIU (EURO - €)

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POTREBA ŠPECIFICKÝCH ZNALOSTÍ

Knowledge on wood properties and the appropriate surface treatment of

wooden products

VIAC
INFORMÁCÍ

RIEŠENá VýZVA	DOMAIN	TYP RIEŠENIA
6. Rozvoj lesného biohospodárstva prostredníctvom obeholového využívania a produktov s pridanou hodnotou	Odvetvie drevených konštrukcií Výskum a vývoj	--
KľúčOVé SLOVá	DIGITALNE RIEŠENIE	INOVáCIE
--	Nie	Nie
KRAJINA PÔVODU	ROZSAH APLIKáCIE	ZAČIATOK A KONIEC ROKA
Slovensko	Local	2017 - 2018

KONTAKTNÉ
ÚDAJE

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REFERENCES AND RESOURCES

HLAVNÁ WEBSTRÁNKA **ZDROJE**
<http://www.m-sora.si/en/> --
PROJEKTOVÁ WEBSTRÁNKA
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REFERENCIA PROJEKTU
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PROJEKT, V RÁMCI KTÓREHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ

Rosewood

DÁTUM ODOSLANIA

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

