

# 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 CO<sub>2</sub> storage. The key sources of old wood will be 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

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### 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

### MOBILIZAČNÝ POTENCIÁL

all well preserved construction wood

### POTENCIÁL UDRŽATEĽNOSTI - HODNOTA

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### 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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wooden products

## VIAC INFORMÁCIÍ

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### RIEŠENÁ VÝZVA

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

### Kľúčové SLOVÁ

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### KRAJINA PôVODU

Slovinsko

### DOMAIN

Odvetvie drevených konštrukcií  
Výskum a vývoj

### DIGITALNE RIEŠENIE

Nie

### ROZSAH APLIKÁCIE

Local

### TYP RIEŠENIA

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### INOVÁCIE

Nie

### ZAČIATOK A KONIEC ROKA

2017 - 2018

## KONTAKTNÉ ÚDAJE

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### VLASTNÍK ALEBO AUTOR

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### REPORTÉR

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## REFERENCES AND RESOURCES

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### 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

