

# 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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### 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

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### VOZLIŠČE

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### 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

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### ENOSTAVNOST IZVEDBE

Funds and knowledge to develop windows from discarded wood

### ENOSTAVNOST IZVEDBE - OCENJEVANJE

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### KLJUČNI PREDPOGOJI

Funds and knowledge to develop window from discarded wood

### VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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### VPLIV NA DELOVNA MESTA

Better qualified staff

### STROŠKI IZVEDBE (EURO - €)

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wooden products

## VEČ PODROBNOSTI

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### IZZIV

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

### DOMENA

Lesena gradnja  
Raziskave in razvoj

### TIP REŠITVE

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### KLJUČNE BESEDE

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### DIGITALNE REŠITVE

No

### INOVACIJA

Ne

### IZVORNA DRŽAVA

Slovenija

### OBSEG UPORABE

Lokalni

### ZAČETNO IN KONČNO LETO

2017 - 2018

## KONTAKTNI PODATKI

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### LASTNIK OZ. AVTOR

info@m-sora.si

### POROČEVALEC

Slovenian Forestry Institute

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## REFERENCES AND RESOURCES

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### SPLETNA STRAN

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

### SPLETNA STRAN PROJEKTA

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### REFERENCA PROJEKTA

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### VIRI

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**PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI**

Rosewood

**DATUM OBJAVE**

27 Sep 2019

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**A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY**

