

# 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.

## DETALII

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### SURSA DE LEMN

Lucrări de demolare

### TIPUL DE LEMN

Lemn reciclat sau reziduu din lemn

### TIPUL DE LEMN ÎN CAUZĂ

Recycled wood, discarded wood

### IMPACTUL ASUPRA MEDIULUI ȘI BIODIVERSITĂȚII

Reuse of old wood

### EFACT ASUPRA VENITURILOR

Positive / new technology

### POTENȚIAL DE EXPLOATARE

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### HUB

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### IMPACT ECONOMIC

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

### CUNOȘTINȚE SPECIFICE NECESARE

Knowledge on wood properties and the appropriate surface treatment of

### POTENȚIALUL DE MOBILIZARE

all well preserved construction wood

### POTENȚIAL DE SUSTENABILITATE - VALOARE

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### FACILITATEA DE IMPLEMENTARE

Funds and knowledge to develop windows from discarded wood

### FACILITATEA DE IMPLEMENTARE - EVALUARE

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### CONDIȚII CHEIE PRELABILE

Funds and knowledge to develop window from discarded wood

### TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

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### EFACT ASUPRA LOCURILOR DE MUNCĂ

Better qualified staff

### COSTURI PENTRU IMPLEMENTARE (EURO - €)

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wooden products

## MAI MULTE DETALII

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### PROVOCARE ABORDATĂ

6. Creșterea bioeconomiei forestiere prin utilizarea circulară și produse cu valoare adăugată

### DOMAIN

Industria construcțiilor din lemn  
Cercetare și dezvoltare

### TIP DE SOLUȚIE

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### CUVINTE CHEIE

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### SOLUȚIE DIGITALĂ

Nu

### INOVAȚIE

Nu

### ȚARA DE ORIGINE

Slovenia

### SCARA DE APLICARE

Local

### ANUL DE ÎNCEPUT ȘI DE SFÂRȘIT

2017 - 2018

## DATE DE CONTACT

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### PROPRIETAR SAU AUTOR

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### REPORTER

Slovenian Forestry Institute

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## REFERENCES AND RESOURCES

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### PAGINĂ WEB

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

### WEBSITE PROJECT

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### RESURSE

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### REFERINȚĂ PROIECT

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PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATĂ ACEASTĂ FIȘĂ INFORMATIVĂ

Rosewood

DATA POSTĂRII

27 Sep 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

