

# 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.

## DETAILS

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### HERKUNFT DES HOLZES

Rückbauarbeiten

### ART DES HOLZES

Recyceltes oder Abfallholz

### ART DES BETROFFENEN HOLZES

Recycled wood, discarded wood

### AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITÄT

Reuse of old wood

### EINKOMMENSEFFEKT

Positive / new technology

### VERWERTUNGSPOTENZIAL

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### NABE

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### WIRTSCHAFTLICHE AUSWIRKUNGEN

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

### SPEZIFISCHES WISSEN ERFORDERLICH

Knowledge on wood properties and the appropriate surface treatment of

### MOBILISIERUNGSPOTENZIAL

all well preserved construction wood

### POTENZIAL FÜR NACHHALTIGKEIT - WERT

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### LEICHTE IMPLEMENTIERUNG

Funds and knowledge to develop windows from discarded wood

### LEICHTE IMPLEMENTIERUNG - BEWERTUNG

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### WICHTIGE VORAUSSETZUNGEN

Funds and knowledge to develop window from discarded wood

### ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

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### ARBEITSPLATZEFFEKT

Better qualified staff

### KOSTEN DER IMPLEMENTIERUNG (EURO - €)

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wooden products

## MEHR DETAILS

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### ANGESPROCHENE HERAUSFORDERUNG

6. Ausbau der forstbasierten Bioökonomie durch zirkuläre Nutzung und Produkte mit Mehrwert

### SCHLÜSSELWÖRTER

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### HERKUNFTSLAND

Slowenien

### DOMÄNE

Holzbau-Industrie

Forschung und Entwicklung

### DIGITALE LÖSUNG

Nein

### UMFANG DER ANWENDUNG

Lokal

### ART DER LÖSUNG

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### INNOVATION

Nein

### ANFANGS- UND ENDJAHR

2017 - 2018

## KONTAKTDATEN

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### EIGENTÜMER ODER AUTOR

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## REFERENCES AND RESOURCES

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### HAUPT-WEBSITE

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

### PROJEKT-WEBSITE

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### PROJEKT-REFERENZ

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### RESSOURCEN

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**PROYECTO, EN DESEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE**

Rosewood

**BEITRAGSDATUM**

27 Sep 2019

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Link to Rosewood 4.0



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



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