



## *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 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.

## DETAILS

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**HERKUNFT DES HOLZES**

Rückbaurbeiten

**ART DES HOLZES**

Recyceltes oder Abfallholz

**MOBILISIERUNGSPOTENZIAL**

all well preserved construction wood

**ART DES BETROFFENEN HOLZES**

Recycled wood, discarded wood

**LEICHTE IMPLEMENTIERUNG**

Funds and knowledge to develop windows from discarded wood

**AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITÄT**

Reuse of old wood

**LEICHTE IMPLEMENTIERUNG - BEWERTUNG**

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**EINKOMMENSEFFEKT**

Positive / new technology

**WICHTIGE VORAUSSETZUNGEN**

Funds and knowledge to develop window from discarded wood

**VERWERTUNGSPOTENZIAL**

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

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**NABE**

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**ARBEITSPLATZEFFEKT**

Better qualified staff

**WIRTSCHAFTLICHE AUSWIRKUNGEN**

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

**KOSTEN DER IMPLEMENTIERUNG (EURO - €)**

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**SPEZIFISCHES WISSEN ERFORDERLICH**

Knowledge on wood properties and the appropriate surface treatment of

wooden products

## MEHR DETAILS

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ANGESPROCHENE HERAUSFORDERUNG	DOMÄNE	ART DER LÖSUNG
6. Ausbau der forstbasierten Bioökonomie durch zirkuläre Nutzung und Produkte mit Mehrwert	Holzbau-Industrie	--
SCHLÜSSELWÖRTER	Forschung und Entwicklung	
--	DIGITALE LÖSUNG	INNOVATION
HERKUNFTSLAND	Nein	Nein
Slowenien	UMFANG DER ANWENDUNG	ANFANGS- UND ENDJAHR
	Lokal	2017 - 2018

## KONTAKTDATEN

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## REFERENCES AND RESOURCES

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HAUPT-WEBSITE	RESSOURCEN
<a href="http://www.m-sora.si/en/">http://www.m-sora.si/en/</a>	--
PROJEKT-WEBSITE	
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PROJEKT-REFERENZ	
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PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood

BEITRAGSDATUM

27 Sep 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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